

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
					gallus]	
4478	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	0.13	<NONE>	<NONE>	<NONE>
4479	J03607	Human 40-kDa keratin intermediate filament precursor gene.	0	1070608	keratin 19, type I, cytoskeletal - human sapiens]	9e-068
4480	M90104	Human splicing factor SC35 mRNA, complete cds.	e-120	3929382	SPlicing FACTOR, ARGinine/Serine-Rich 10 (PUTATIVE MYELIN REGULATORY FACTOR 1) (MRF-1) >gi555924 (U14648) putative myelin regulatory factor 1; MRF-1 [Mus musculus]	1.1
4481	AF020762	Homo sapiens clone 1400 unknown protein mRNA, partial cds	6e-067	<NONE>	<NONE>	<NONE>
4482	AE001386	Plasmodium falciparum chromosome 2, section 23 of 73 of the complete sequence	0.72	<NONE>	<NONE>	<NONE>
4483	AF054868	Pseudomonas aeruginosa autoinducer synthetase chloramphenicol-sensitive protein (rarD), and hypothetical protein (yafL) gene...	0.005	1709793	SALIVARY PROLINE-RICH PROTEIN PO sapiens]	0.13
4484	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>

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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4485	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4486	AE001406	Plasmodium falciparum chromosome 2, section 43 of 73 of the complete sequence	0.001	<NONE>	<NONE>	<NONE>
4487	AE001417	Plasmodium falciparum chromosome 2, section 54 of 73 of the complete sequence	2.1	<NONE>	<NONE>	<NONE>
4488	X90446	Canine herpesvirus DNA for ORF 1 (HSV1 UL44, EHV1 ORF 15 homolog) ORF2 (EHV1 ORF 16 homolog)	4.4	<NONE>	<NONE>	<NONE>
4489	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.17	4008355	(Z68297) Similarity to Yeast TAT-binding homolog 7 (SW:TBP7_YEAST); cDNA EST EMBL:D37124 comes from this gene; cDNA EST EMBL:D35150 comes from this gene; cDNA EST EMBL:D35400 comes from this gene; cDNA EST EMBL:D34900 comes ... >gi 4008373 gnl PI D e135984	3e-007
4490	D78130	Homo sapiens mRNA for squalene epoxidase, complete cds	0	2443316	(D78130) squalene epoxidase [Homo sapiens]	5e-008
4491	L18931	Buchnera aphidicola Arginyl tRNA synthetase	0.16	<NONE>	<NONE>	<NONE>

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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
		promoter region.				
4492	X17206	Human mRNA for LLRep3	e-112	1350976	40S RIBOSOMAL PROTEIN S2 >gi 939718	2e-005
4493	D28473	Human T-lymphocyte mRNA for isoleucyl-tRNA synthetase, complete cds	e-157	440799	(U04953) isoleucyl-tRNA synthetase [Homo sapiens]	3e-005
4494	L13624	Cercopithecus aethiops C4 complement	3.6	<NONE>	<NONE>	<NONE>
4495	M13011	Rat c-ras-H-1 gene, complete cds.	0.25	<NONE>	<NONE>	<NONE>
4496	Y10252	L.japonicus panC gene	0.38	627071	histidine-rich protein - Plasmodium lophurae	4.4
4497	X76683	Plasmid vector pHM2 betalactamase gene	1e-093	987050	(X65335) lacZ gene product [unidentified cloning vector]	3e-015
4498	M24486	Human prolyl 4-hydroxylase alpha subunit mRNA, complete cds, clone PA-11.	0	129365	PROLYL 4-HYDROXYLASE ALPHA SUBUNIT 1.14.11.2) alpha chain - chicken	2e-057
4499	D80004	Human mRNA for KIAA0182 gene, partial cds	2e-068	<NONE>	<NONE>	<NONE>
4500	U22233	Human methylthioadenosine phosphorylase (MTAP) mRNA, complete cds.	0	<NONE>	<NONE>	<NONE>
4501	D63875	Human mRNA for KIAA0155 gene, complete cds > :: gb G28541 G28541 human STS SHGC-31621.	0	961442	(D63875) KIAA0155 gene product is related to C.elegans B0464.2 protein. [Homo sapiens]	2e-019

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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4502	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4503	X85018	H.sapiens mRNA for UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase (T1)	e-110	1709559	POLYPEPTIDE N-ACETYL GALACTOSAMINYLTRANSFERASE (PROTEIN-UDP ACETYL GALACTOSAMINYLTRANSFERASE) N-ACETYL GALACTOSAMINYLTRANSFERASE (GALNAC-T1) polypeptide N-acetylgalactosaminyltransferase [Rattus norvegicus]	2e-018
4504	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4505	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4506	AF067782	Papio hamadryas BC200 alpha scRNA gene, complete sequence	0.48	<NONE>	<NONE>	<NONE>
4507	AF073298	Homo sapiens 4F5rel mRNA, complete cds	e-166	3641536	(AF073297) 4F5rel [Mus musculus] >gi 3641538 (AF073298) 4F5rel [Homo sapiens]	3e-013
4508	M12922	Yeast (S.cerevisiae) chromosome III L terminal region DNA.	2e-010	188864	(M74027) mucin [Homo sapiens]	6e-023
4509	X69524	M.squamata cabcl mRNA for chlorophyll a/b/c binding protein precursor	1.3	<NONE>	<NONE>	<NONE>
4510	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	1.2	<NONE>	<NONE>	<NONE>

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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4512	U12404	Human Csa-19 mRNA, complete cds.	0	1709973	60S RIBOSOMAL PROTEIN L10A (CSA-19)	4e-056
4513	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	8e-014	<NONE>	<NONE>	<NONE>
4514	<NONE>	<NONE>	<NONE>	121627	GLYCINE-RICH CELL WALL STRUCTURAL PROTEIN 1 PRECURSOR >gi 82244 pir A26099 glycine-rich cell wall structural protein - garden petunia >gi 20553 hybrida] >gi 225181 prf 1210313A Gly rich structural protein [Petunia sp.]	2e-030
4515	D87255	Hepatitis G virus RNA for polyprotein, complete cds	0.19	930045	(X15332) alpha-1 (III) collagen [Homo sapiens]	0.002
4516	U31820	Gallus gallus Mel-1a melatonin receptor mRNA, complete cds.	3.3	1718187	ENVELOPE GLYCOPROTEIN GP340 glycoprotein 350/220 - human herpesvirus 4 >gi 59164 virus] >gi 306293 (L07923) glycoprotein 340	0.096
4517	X68107	M.sativa msCHSII mRNA for chalcone synthase	3.4	<NONE>	<NONE>	<NONE>
4518	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4519	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	6e-006	1065484	(U40415) similar to S. cerevisiae LAG1 (SP:P38703)	0.001

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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4520	D87671	Rat mRNA for TIP120, complete cds	1e-043	1799570	(D87671) TIP120 [Rattus norvegicus]	0.01
4521	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4522	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4523	X16869	Human mRNA for elongation factor 1-alpha (clone CEF4)	4e-022	1085204	translation elongation factor eEF-1 alpha chain - zebra fish >gi 408805 (L23807) elongation factor 1-alpha [Danio rerio] >gi 454915 (X77689) translational elongation factor-1 alpha [Danio rerio] >gi 1009241 rerio] >gi 1091578 prf 2021264A elongation fact	5.1
4524	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	3e-010	<NONE>	<NONE>	<NONE>
4525	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-007	<NONE>	<NONE>	<NONE>
4526	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4527	AF069250	Homo sapiens okadaic acid-inducible phosphoprotein (OA48-18) mRNA, complete cds	7e-080	3037018	(AF041330) NADH dehydrogenase subunit 5 [Bodo saltans]	0.0001
4528	AF069250	Homo sapiens okadaic acid-inducible phosphoprotein (OA48-18) mRNA, complete cds	7e-080	3037018	(AF041330) NADH dehydrogenase subunit 5 [Bodo saltans]	0.0001

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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4529	U66532	Human beta4-integrin (ITGB4) gene, exons 7,8,9,10,11 and 12	0.51	119110	EBNA-1 NUCLEAR PROTEIN herpesvirus 4 (strain B95-8) >gi 1334880 (V01555) BKRF1 encodes EBNA-1 protein, latent cycle gene. [Human herpesvirus 4]	1e-023
4530	X65319	Cloning vector pCAT-Enhancer	1e-074	987050	(X65335) lacZ gene product [unidentified cloning vector]	8e-011
4531	AJ010841	Homo sapiens mRNA for putative thioredoxin-like protein	8e-028	3646128	(AJ010841) thioredoxin-like protein	0.062
4532	D14034	Human gene for Zn-alpha2-glycoprotein, complete cds	0.005	<NONE>	<NONE>	<NONE>
4533	M12670	Human fibroblast collagenase inhibitor mRNA, complete cds.	6e-098	1351250	METALLOPROTEINASE INHIBITOR 1 PRECURSOR (TIMP-1) >gi 1363927 pir J C4303 matrix metalloproteinase-1 tissue inhibitor - baboon >gi 561546 hamadryas cynocephalus]	7e-008
4534	M17196	A.californica (marine gastropod mollusc) neuropeptide gene (ganglion R14), exon 1, 5' end.	0.019	2135765	mucin 2 precursor, intestinal - human	0.003
4535	AJ001454	Homo sapiens mRNA for testican-3	1.4	<NONE>	<NONE>	<NONE>

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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4536	X75757	G.gallus cycB3 mRNA.	9e-040	729112	G2/MITOTIC-SPECIFIC CYCLIN B3	9e-019
4537	Z27116	S.cerevisiae HBS1, MRP-L20 and PRP-16 genes	0.058	<NONE>	<NONE>	<NONE>
4538	AF083322	Homo sapiens centriole associated protein CEP110 mRNA, complete cds	9e-051	1079393	chromokinesin - chicken >gi 603761 (U18309) chromokinesin [Gallus gallus]	0.012
4539	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4540	M26325	Human cyokeratin 18 mRNA, 3' end.	0	125083	KERATIN, TYPE I CYTOSKELETAL 18 keratin 18, type I, cytoskeletal - human >gi 34037	2e-093
4541	U37066	Human endogenous retrovirus strain XA38 pol polyprotein (pol) gene, partial cds	1.3	252486	P-selectin, CD62 [mice, Peptide, 768 aa] musculus]	1.8
4542	Z30543	Turkey herpesvirus (HVT-delUs-Beta1 PKI3) gene for protein kinase	2e-027	<NONE>	<NONE>	<NONE>
4543	M90077	Wheat translation elongation factor 1 alpha-subunit (TEF1) mRNA, complete cds.	0.14	<NONE>	<NONE>	<NONE>
4544	AJ001235	Papio hamadryas ERV-9 like LTR insertion	2e-044	<NONE>	<NONE>	<NONE>
4545	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4546	AF100654	Caenorhabditis elegans cosmid C24E9	0.41	<NONE>	<NONE>	<NONE>
4547	L28821	Homo sapiens alpha mannosidase II isozyme mRNA, complete cds.	0	1679607	(X97650) myosin-I [Mus musculus]	4.5

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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4548	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	4e-013	<NONE>	<NONE>	<NONE>
4549	L20140	Zea mays pollen specific pectate lyase homologue gene, complete cds.	0.92	<NONE>	<NONE>	<NONE>
4550	U33955	Human Down Syndrome region of chromosome 21, genomic sequence, clone A12H1-1F2.	4.4	<NONE>	<NONE>	<NONE>
4551	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	0.0005	<NONE>	<NONE>	<NONE>
4552	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	0.042	<NONE>	<NONE>	<NONE>
4553	X12660	Human chromosome 14 Ig JH (switch mu) DNA showing scattered homology to bcl2 gene exon 2 3'UTR	1e-006	2117245	(Z95586) hypothetical protein Rv1592c	2.1
4554	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.002	284314	modulator recognition factor 1 - human factor 1 [Homo sapiens]	7.1
4555	AF070523	Homo sapiens JWA protein mRNA, complete cds	0	3322740	(AE001222) conserved hypothetical protein [Treponema pallidum]	5.9
4556	Z11900	H.sapiens OTF3 gene	0.13	<NONE>	<NONE>	<NONE>

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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4557	M24972	D.discoideum CT-rich satellite rDNA, clone pCT8.	4e-007	2605798	(AF027735) minor ampullate silk protein MiSp1 [Nephila clavipes]	5.30E-01
4558	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	8e-007	<NONE>	<NONE>	<NONE>
4559	D32056	Human gene for 2-oxoglutarate dehydrogenase, exon 1 sequence	0.06	<NONE>	<NONE>	<NONE>
4560	AF034085	Caenorhabditis elegans UNC-45 (unc-45) gene, complete cds	0.025	1652167	(D90903) hypothetical protein	4.8
4561	AF091242	Homo sapiens ATP sulfurylase/APS kinase 2 mRNA, complete cds	0.0003	<NONE>	<NONE>	<NONE>
4562	M31520	Human ribosomal protein S24 mRNA.	1e-031	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5.7
4563	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4564	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	0.0005	<NONE>	<NONE>	<NONE>
4565	AB015432	Rattus norvegicus mRNA for LAT1 (L-type amino acid transporter 1), complete cds	4e-022	1665759	(D87432) Similar to Schistosoma mansoni amino acid permease (L25068). [Homo sapiens]	5e-024
4566	AE001397	Plasmodium falciparum chromosome 2, section 34 of 73 of the complete sequence	0.0005	3875266	(Z77655) predicted using Genefinder; similar to 7tm receptor [Caenorhabditis elegans]	5.90E+00

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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4567	AE001397	Plasmodium falciparum chromosome 2, section 34 of 73 of the complete sequence	0.0005	3875266	(Z77655) predicted using Genefinder; similar to 7tm receptor [Caenorhabditis elegans]	5.90E+00
4568	Y15155	Homo sapiens PHKB gene, exon 8, and repetitive elements	4e-033	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5.7
4569	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2.00E-03	2622750	(AE000921) DNA topoisomerase I [Methanobacterium thermoautotrophicum]	2.6
4570	AE000688	Aquifex aeolicus section 20 of 109 of the complete genome	4.5	<NONE>	<NONE>	<NONE>
4571	Z95123	Caenorhabditis elegans cosmid VZK8221, complete sequence [Caenorhabditis elegans]	0.4	<NONE>	<NONE>	<NONE>
4572	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	3.00E-08	<NONE>	<NONE>	<NONE>
4573	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	4e-012	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	3.3
4574	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7e-006	<NONE>	<NONE>	<NONE>
4575	U18671	Human Stat2 gene, complete cds.	2e-023	728831	!!!! ALU SUBFAMILY J WARNING ENTRY	0.002

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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4576	Z83241	Caenorhabditis elegans cosmid T25C8, complete sequence [Caenorhabditis elegans]	1.1	1176988	IOLD PROTEIN protein [Bacillus subtilis] >gi 2636519 gnl PI D e1184698 catabolism [Bacillus subtilis]	5.3
4577	L04690	Cricetulus griseus cholesterol 7-alpha-hydroxylase gene, complete cds. > :: gb I26617 I26617 Sequence 35 from patent US 5558999 > :: gb AR008072 AR 008072 Sequence 35 from patent US 5753431	3.2	212906	(L02621) intestinal zipper protein [Gallus gallus]	4.1
4578	Z54191	A.pleuropneumoniae tfbB gene encoding transferrin receptor.	0.54	2102696	(U72761) karyopherin beta 3 [Homo sapiens]	8.6
4579	X17025	Human homolog of yeast IPP isomerase > :: gb G27043 G27043 human STS SHGC-31614.	2e-035	<NONE>	<NONE>	<NONE>
4580	L32977	Homo sapiens (clone f17252) ubiquinol cytochrome c reductase Rieske iron-sulphur protein (UQCRFS1) gene, exon 2	0.00E+00	1351361	UBIQUINOL-CYTOCHROME C REDUCTASE IRON-SULFUR SUBUNIT PRECURSOR (RIESKE IRON-SULFUR PROTEIN) (RISP) >gi 488299 (L32977) Rieske Fe-S protein	1e-070
4581	M26708	Human prothymosin alpha mRNA (ProT-alpha), complete cds.	0	190369	(J04798) open reading frame A; putative [Homo sapiens]	6e-018

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4582	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-014	2314130	(AE000607) H. pylori predicted coding region HP0985	3.3
4583	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	4e-011	1236083	(U49507) Lisch7 [Mus musculus]	4.3
4584	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-014	348196	(L19917) immunoglobulin heavy-chain subgroup VIII V- D-J region [Homo sapiens]	9.7
4585	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4586	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4587	X52601	H.sapiens hTOP1 gene for topoisomerase, 5'end	4.6	<NONE>	<NONE>	<NONE>
4588	AF038604	Caenorhabditis elegans cosmid B0546	0.17	<NONE>	<NONE>	<NONE>
4589	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4590	U23441	Tetrahymena thermophila B internal deletion sequence.	0.0005	1469281	(U08801) envelope glycoprotein [Human immunodeficiency virus type 1]	1.1
4591	AC005276	Homo sapiens clone fragment UWGC:gap3 from 7q31.3, complete sequence [Homo sapiens]	0.009	<NONE>	<NONE>	<NONE>
4592	D84117	Homo sapiens DNA for prostacyclin synthase, exon 3	0.48	<NONE>	<NONE>	<NONE>
4593	U28153	Caenorhabditis elegans UNC-76 (unc-76) gene, complete cds.	1.30E-01	<NONE>	<NONE>	<NONE>

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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4594	U67274	Human metastasis suppressor (KAI1) gene, exon 1, and complete cds	1e-008	<NONE>	<NONE>	<NONE>
4595	AF009621	Onchocerca volvulus cytosolic Cu/Zn superoxide dismutase (OvSOD1) and extracellular Cu/Zn superoxide dismutase (OvSOD2) genes, complete cds	4	<NONE>	<NONE>	<NONE>
4596	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4597	<NONE>	<NONE>	<NONE>	2078483	(U43200) antifreeze glycopeptide AFGP polypeptide precursor [Boreogadus saida]	0.78
4598	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4599	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4600	AL021806	Homo sapiens DNA sequence from PAC 779B17 on chromosome 22q13.1. Contains exon trap, complete sequence	4e-029	728836	!!!! ALU SUBFAMILY SP WARNING ENTRY	0.002
4601	AL022222	Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-118, complete sequence	4.9	<NONE>	<NONE>	<NONE>
4602	Z73149	N.tabacum DNA (recombination breakpoint between T-DNA and plant DNA)	1.6	<NONE>	<NONE>	<NONE>

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4603	AF082835	Mus spretus E6-AP ubiquitin-protein ligase	4	<NONE>	<NONE>	<NONE>
4604	AF050123	Homo sapiens hypoxia-inducible factor 1 alpha subunit (HIF1A) gene, exon 10	3e-009	728838	!!!! ALU SUBFAMILY SX WARNING ENTRY	6.7
4605	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7e-006	<NONE>	<NONE>	<NONE>
4606	AF001355	Pseudomonas syringae pv. syringae DNA binding protein HpkR (hpkR), histidine protein kinase HpkY (hpkY), phosphate acceptor regulatory protein CheY-2 (cheY-2), ankyrin AnkF (ankF), and catalase isozyme catalytic subuni...	2.1	3041736	TRANSCRIPTION FACTOR SOX-11	8.9
4607	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	8.00E-08	3123155	HYPOTHETICAL 49.0 KD TRP-ASP REPEATS CONTAINING PROTEIN F55F8.5 IN CHROMOSOME I family [Caenorhabditis elegans]	2e-027
4608	<NONE>	<NONE>	<NONE>	1170978	MYOCYTE NUCLEAR FACTOR (MNF) [musculus]	0.18
4609	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	4e-009	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	8.9

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4610	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-007	<NONE>	<NONE>	<NONE>
4611	X75861	H.sapiens TEGT gene	e-177	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	2.8
4612	U19867	Cloning vector pSPL3, exon splicing vector, complete sequence, HIV envelope protein gp160 and beta-lactamase, complete cds.	5e-055	987050	(X65335) lacZ gene product [unidentified cloning vector]	3e-011
4613	U73332	Human non-coding genomic sequence upstream from unique L0 sequence in the alpha-globin gene cluster	8e-008	<NONE>	<NONE>	<NONE>
4614	<NONE>	<NONE>	<NONE>	193952	(J03770) homeobox protein [Mus musculus]	6
4615	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	6e-006	586875	HYPOTHETICAL 29.2 KD PROTEIN IN METS-KSGA INTERGENIC REGION >gi 2127033 pir S66068 hypothetical protein - Bacillus subtilis subtilis] >gi 2632306 gnl PI D e1181972 (Z99104) similar to hypothetical proteins [Bacillus subtilis]	5e-019
4616	K00384	Yeast (S.cerevisiae) mitochondrial var1 gene, 5'	0.001	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
		flank.				
4617	J04628	Rattus norvegicus 3-hydroxyiso- butyrate mRNA, 3' end.	e-154	416873	3- HYDROXYISOB UTYRATE DEHYDROGENA SE PRECURSOR (HIBADH) >gi 111295 pir A3 2867 3- hydroxyisobutyrat e dehydrogenase (EC 1.1.1.31) precursor - rat (fragment) >gi 556389 (J04628) 3- hydroxyisobutyrat e dehydrogenase [Rattus norvegicus]	1e-049
4618	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	0.38	<NONE>	<NONE>	<NONE>
4619	U10361	Saccharomyces cerevisiae Snf8p (SNF8) gene, complete cds.	2.7	<NONE>	<NONE>	<NONE>
4620	D42044	Human mRNA for KIAA0090 gene, partial cds	e-151	577301	(D42044) The ha3523 gene product is related to S.cerevisiae gene product located in chromosome III. [Homo sapiens]	4e-052
4621	U10361	Saccharomyces cerevisiae Snf8p (SNF8) gene, complete cds.	2.7	<NONE>	<NONE>	<NONE>
4622	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4623	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	3.00E-10	<NONE>	<NONE>	<NONE>
4624	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	3.00E-10	<NONE>	<NONE>	<NONE>
4625	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4626	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4627	X06747	Human hnRNP core protein A1	7e-049	87650	heterogeneous ribonuclear particle protein A1.beta - human >gi 36102 (X06747) protein A1-alpha (AA 1-320) [Homo sapiens]	6e-005
4628	X03559	Human mRNA for F1-ATPase beta subunit (F-1 beta) > :: dbj D00022 HUM F1B Homo sapiens mRNA for F1 beta subunit, complete cds	e-100	114549	ATP SYNTHASE BETA CHAIN, MITOCHONDRIAL PRECURSOR >gi 106207 pir A33370 H+-transporting ATP synthase (EC 3.6.1.34) beta chain precursor, mitochondrial - human >gi 179281 (M27132) ATP synthase beta subunit precursor [Homo sapiens]	2e-024
4629	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4630	K00915	paramecium species 1,168 mt dna dimer: replication init. region.	7.00E-05	<NONE>	<NONE>	<NONE>
4631	K00915	paramecium species 1,168 mt dna dimer: replication init. region.	7.00E-05	<NONE>	<NONE>	<NONE>
4632	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4633	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4634	Z28261	S.cerevisiae chromosome XI reading frame ORF YKR036c	0.042	417748	PROTEIN TRANSPORT PROTEIN SEC13	0.0002
4635	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-005	<NONE>	<NONE>	<NONE>
4636	AF088034	Homo sapiens full length insert cDNA clone ZC24F03	0	854598	(X87611) ORF YJR83.18 [Saccharomyces cerevisiae]	2e-024
4637	M83094	Homo sapiens cytosolic selenium-dependent glutathione peroxidase gene, complete cds, and rhoh12 gene, 3' end.	3.00E-08	<NONE>	<NONE>	<NONE>
4638	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-006	1176711	HYPOTHETICAL 21.6 KD PROTEIN F37A4.2 IN CHROMOSOME III >gi 1078851 pir S44639 F37A4.2 protein - Caenorhabditis elegans >gi 458960	2e-017
4639	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-006	1176711	HYPOTHETICAL 21.6 KD PROTEIN F37A4.2 IN CHROMOSOME III >gi 1078851 pir S44639 F37A4.2 protein - Caenorhabditis elegans >gi 458960	2e-017

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4640	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-006	<NONE>	<NONE>	<NONE>
4641	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-006	<NONE>	<NONE>	<NONE>
4642	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-005	4056582	(AF039530) RepA [Egyptian sugarcane streak virus]	3.4
4643	U96174	Onchocerca volvulus OvB8 mRNA, partial cds	3.2	<NONE>	<NONE>	<NONE>
4644	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4645	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	6e-005	3236220	(U62541) immunoreactive 14 kDa protein BA14k [Brucella abortus]	4.5
4646	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	6e-005	3236220	(U62541) immunoreactive 14 kDa protein BA14k [Brucella abortus]	4.5
4647	AL010224	Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 4-04, complete sequence	0.003	2492906	ANNEXIN VII (SYNEXIN) frog >gi 790544 (U16365) annexin VII [Xenopus laevis]	1.4
4648	L39413	Atractylodes japonica chloroplast NADH dehydrogenase (ndhF) gene, complete cds	0.003	<NONE>	<NONE>	<NONE>
4649	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete	4e-013	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
		cds				
4650	U79403	Meleagris gallopavo microsatellite repeat sequence	0.46	2498691	OUTER DENSE FIBER PROTEIN bovine >gi 1165006 (X69514) outer dense fiber protein [Bos taurus]	1.4
4651	U27780	Stealth virus 1 clone C16138 T3.1	2	<NONE>	<NONE>	<NONE>
4652	U27780	Stealth virus 1 clone C16138 T3.1	2	<NONE>	<NONE>	<NONE>
4653	U78817	Saccharomyces cerevisiae killer virus M1, complete genome	0.026	<NONE>	<NONE>	<NONE>
4654	U78817	Saccharomyces cerevisiae killer virus M1, complete genome	0.026	<NONE>	<NONE>	<NONE>
4655	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4656	X07036	Human mRNA stimulatory GTP-binding protein alpha subunit	3e-071	232142	GUANINE NUCLEOTIDE-BINDING PROTEIN G(S), ALPHA SUBUNIT (ADENYLATE CYCLASE-STIMULATING G ALPHA PROTEIN) >gi 71886 pir RG PGA2 GTP-binding regulatory protein Gs alpha-2 chain (adenylate cyclase-stimulating) - pig >gi 1958 (X63893) alpha-stimulatory subunit	8e-027

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4657	L05586	Kinetoplast Trypanosoma brucei (IsTaR 1 serodeme) putative NADH dehydrogenase subunit (nd9) mRNA, complete cds.	0.0001	4063042	(AF068065) GP900; mucin-like glycoprotein [Cryptosporidium parvum]	0.19
4658	AF044763	Cecropis ariel microsatellite HrU6 allele 1 repeat region	3e-006	<NONE>	<NONE>	<NONE>
4659	X82630	A.longa plastid rps12, orf126 and orf288 genes	0.22	<NONE>	<NONE>	<NONE>
4660	U68098	Human poly(A)-binding protein (PABP) gene, exons 6 and 7	0.023	<NONE>	<NONE>	<NONE>
4661	U68098	Human poly(A)-binding protein (PABP) gene, exons 6 and 7	0.023	<NONE>	<NONE>	<NONE>
4662	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-011	1022683	(U23146) SSeCKS [Rattus norvegicus]	1.4
4663	M15353	Homo sapiens cap-binding protein mRNA, complete cds	0	<NONE>	<NONE>	<NONE>
4664	Z57610	H.sapiens CpG DNA, clone 187a10, reverse read cpg187a10.rt1a.	3e-048	417134	HEPATOCYTE NUCLEAR FACTOR 3-BETA [Rattus norvegicus]	2.00E-10
4665	L11707	Hevea brasiliensis Mn-superoxide dismutase (SODMn) gene, complete cds.	2.6	<NONE>	<NONE>	<NONE>
4666	D42073	Human mRNA for reticulocalbin, complete cds	3e-019	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	6.4

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4667	L12350	Human thrombospondin 2 (THBS2) mRNA, complete cds.	0	<NONE>	<NONE>	<NONE>
4668	L11707	Hevea brasiliensis Mn-superoxide dismutase (SODMn) gene, complete cds.	2.6	<NONE>	<NONE>	<NONE>
4669	AC000043	Homo sapiens Chromosome 22q13 Cosmid Clone p74a8, complete sequence [Homo sapiens]	2e-016	134589	TRANSCRIPTIO N REGULATORY PROTEIN SNF2 SWI2) (REGULATORY PROTEIN GAM1) (TRANSCRIPTIO N FACTOR TYE3) >gi 101629 pir S1 5047 SNF2 protein - yeast protein [Saccharomyces cerevisiae] >gi 172632 (M61703) SNF2protein [Saccharomyces cerevisiae] cerevisiae] >gi 127	1.5
4670	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	6e-006	69700	interleukin-1 beta precursor - bovine	0.6
4671	U44975	Homo sapiens DNA-binding protein CPBP (CPBP) mRNA, partial cds	2e-045	1848233	(U44975) DNA-binding protein CPBP [Homo sapiens]	0.009

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4672	AF038406	Homo sapiens NADH dehydrogenase-ubiquinone Fe-S protein 8 23 kDa subunit (NDUFS8) gene, nuclear gene encoding mitochondrial protein, complete cds	0	2326168	(U32107) type VII collagen [Mus musculus]	1.5
4673	X67951	H.sapiens mRNA for proliferation-associated gene	0	548453	THIOREDOXIN PEROXIDASE 2 CELL ENHANCING FACTOR A) (NKEF-A) >gi 423025 pir A46711 proliferation associated gene (pag) protein - human gene product [Homo sapiens]	2e-083
4674	AC001013	Homo sapiens (subclone 2_d1 from P1 H43) DNA sequence	2e-017	2072961	(U93568) putative p150 [Homo sapiens]	0.0001
4675	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	4e-012	1589837	(U68729) cuticle preprocollagen [Meloidogyne incognita]	0.035
4676	M15353	Homo sapiens cap-binding protein mRNA, complete cds	0	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4677	M37583	Human histone (H2A.Z) mRNA, complete cds.	0	121994	HISTONE H2A.Z >gi 89608 pir S03 642 histone H2A.Z - bovine >gi 92380 pir S03 644 histone H2A.Z - rat >gi 106267 pir A3 5881 histone H2A.Z - human sapiens] >gi 57808 (X52316) histone H2A.Z (AA 1- 127) taurus] >gi 184060 (M37583) histone (H2A.Z) [Homo sapien	1e-055
4678	M15353	Homo sapiens cap-binding protein mRNA, complete cds	0	<NONE>	<NONE>	<NONE>
4679	Z57610	H.sapiens CpG DNA, clone 187a10, reverse read cpg187a10.rt1a .	4e-094	404764	(L10409) fork head related protein [Mus musculus]	4e-024
4680	Z57610	H.sapiens CpG DNA, clone 187a10, reverse read cpg187a10.rt1a .	4e-094	404764	(L10409) fork head related protein [Mus musculus]	4e-024
4681	Z57610	H.sapiens CpG DNA, clone 187a10, reverse read cpg187a10.rt1a .	4e-094	404764	(L10409) fork head related protein [Mus musculus]	4e-024
4682	L11707	Hevea brasiliensis Mn-superoxide dismutase (SODMn) gene, complete cds.	2.6	<NONE>	<NONE>	<NONE>
4683	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4684	<NONE>	<NONE>	<NONE>	2114323	(D88734) membrane glycoprotein [Equine herpesvirus 1]	0.052

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4685	AJ224875	Homo sapiens mRNA for putative glucosyltransferase, partial cds	0	2996578	(AJ224875) glucosyltransferase [Homo sapiens]	e-118
4686	AB019534	Homo sapiens gene for cathepsin L2, complete cds	2e-045	<NONE>	<NONE>	<NONE>
4687	J03799	Human colin carcinoma laminin-binding protein mRNA, complete cds.	e-166	34272	(X15005) pot. laminin-binding protein (AA 1 - 300) [Homo sapiens]	5e-032
4688	<NONE>	<NONE>	<NONE>	2114323	(D88734) membrane glycoprotein [Equine herpesvirus 1]	0.052
4689	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	9e-009	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	9.8
4690	D44598	Saccharomyces cerevisiae chromosome VI phage 4121	1e-009	3947877	(AL034382) putative mitosis and maintenance of ploidy protein [Schizosaccharomyces pombe]	6e-061
4691	AF053520	Homo sapiens allele 12 fragile site locus	0.61	<NONE>	<NONE>	<NONE>
4692	D16195	Mouse gene for acrogranin precursor, complete cds	0.059	<NONE>	<NONE>	<NONE>
4693	U90904	Human clone 23773 mRNA sequence	0	3130153	(AB008857) calcium ²⁺ sensing receptor	1.5
4694	L22398	Homo sapiens DNA sequence, repeat region.	7e-017	987050	(X65335) lacZ gene product [unidentified cloning vector]	0.1
4695	L22398	Homo sapiens DNA sequence, repeat region.	7e-017	987050	(X65335) lacZ gene product [unidentified cloning vector]	0.1

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4696	J03746	Human glutathione S-transferase mRNA, complete cds.	e-170	121740	GLUTATHIONE S-TRANSFERASE, MICROSOMAL >gi 87562 pir B28083 glutathione transferase glutathione S-transferase [Homo sapiens] >gi 1195483 sapiens] >gi 1621433 (U71213) microsomal glutathione s-transferase [Homo sapiens]	2e-038
4697	AF082283	Homo sapiens CARD-containing apoptotic signaling protein (BCL10) mRNA, complete cds	5e-046	4049460	(AJ006288) bcl-10 [Homo sapiens] signaling protein [Homo sapiens]	0.005
4698	D64142	Human mRNA for histone H1x, complete cds	1e-039	<NONE>	<NONE>	<NONE>
4699	AB001899	Homo sapiens PACE4 gene, exon 2	4e-012	3860844	(AJ235271) NADH DEHYDROGENASE I CHAIN L	3.5
4700	X16869	Human mRNA for elongation factor 1-alpha (clone CEF4)	0	1169475	ELONGATION FACTOR 1-ALPHA 1	6e-061
4701	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	6.00E-05	<NONE>	<NONE>	<NONE>
4702	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	4e-013	2501465	PROBABLE UBIQUITIN CARBOXYL-TERMINAL HYDROLASE FAM (UBIQUITIN THIOLESTERAS	0.0003

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
					E FAM)	
4703	D44598	Saccharomyces cerevisiae chromosome VI phage 4121	1e-009	3947877	(AL034382) putative mitosis and maintenance of ploidy protein [Schizosaccharomyces pombe]	6e-061
4704	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	6e-006	<NONE>	<NONE>	<NONE>
4705	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-012	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	6.4
4706	AB001899	Homo sapiens PACE4 gene, exon 2	4e-012	3860844	(AJ235271) NADH DEHYDROGENASE I CHAIN L	3.4
4707	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4708	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	1e-008	<NONE>	<NONE>	<NONE>
4709	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-009	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	6.40E+00
4710	L39064	Homo sapiens interleukin 9 receptor precursor (IL9R) gene, complete cds	1e-006	4063042	(AF068065) GP900; mucin-like glycoprotein	1e-006
4711	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	0.0002	331908	(K02714) envelope polypeptide [Friend murine leukemia virus]	8

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4712	AF065249	Entodinium caudatum 14-3-3 protein mRNA, partial cds	1	<NONE>	<NONE>	<NONE>
4713	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-013	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	7.9
4714	<NONE>	<NONE>	<NONE>	186396	(M94131) mucin [Homo sapiens]	2.5
4715	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	8e-009	<NONE>	<NONE>	<NONE>
4716	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4717	Z56314	H.sapiens CpG DNA, clone 10h10, reverse read cpg10h10.rt1a .	4e-012	2444024	(U77782) N-methyl-D-aspartate receptor, 2C subunit precursor [Homo sapiens]	9.8
4718	D55696	Human mRNA for cysteine protease, complete cds	e-113	2842759	LEGUMAIN PRECURSOR (ASPARAGINYL ENDOPEPTIDASE) >gi 1743266 gnl PI D e286211 (Y09862) legumain [Homo sapiens]	1e-006
4719	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	9e-008	<NONE>	<NONE>	<NONE>
4720	D63480	Human mRNA for KIAA0146 gene, partial cds	0	1469874	(D63480) The KIAA0146 gene product is novel. [Homo sapiens]	2e-079
4721	AB001579	Rice dwarf virus genomic RNA, segment 2, complete sequence	1.3	<NONE>	<NONE>	<NONE>
4722	<NONE>	<NONE>	<NONE>	3873550	(AL033534) serine-rich protein	2.7

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4723	AL010156	Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-87, complete sequence	0.77	<NONE>	<NONE>	<NONE>
4724	AF059198	Homo sapiens protein kinase/endoribonulcease	2	119110	EBNA-1 NUCLEAR PROTEIN herpesvirus 4 (strain B95-8) >gi 1334880 (V01555) BKRF1 encodes EBNA-1 protein, latent cycle gene. [Human herpesvirus 4]	8e-007
4725	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4727	D38616	Human mRNA for phosphorylase kinase alpha subunit, complete cds	3.5	3522948	(AC004411) hypothetical protein [Arabidopsis thaliana]	0.18
4728	D38616	Human mRNA for phosphorylase kinase alpha subunit, complete cds	3.5	3522948	(AC004411) hypothetical protein [Arabidopsis thaliana]	0.18
4729	Z11808	T.glis interphotoreceptor retinoid binding protein gene, exon 1	1.6	<NONE>	<NONE>	<NONE>
4730	AF065988	Homo sapiens keratocan gene, complete cds	1.4	<NONE>	<NONE>	<NONE>
4731	X60026	M.domesticus small nuclear 4.5 S RNA gene	0.0003	2853301	(AF007194) mucin [Homo sapiens]	5.5
4732	M13793	Mouse 56 kdal protein mRNA from an interferon activated gene, exon 1, 5' end.	0.3	136814	HYPOTHETICAL PROTEIN UL11 RL11 FAMILY [Human cytomegalovirus]	2.3

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4733	D55696	Human mRNA for cysteine protease, complete cds	e-113	2842759	LEGUMAIN PRECURSOR (ASPARAGINYL ENDOPEPTIDASE) >gi 1743266 gn PI D e286211 (Y09862) legumain [Homo sapiens]	1e-006
4734	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4735	<NONE>	<NONE>	<NONE>	322647	glycine-rich protein GRP22 - rape >gi 17821	3e-021
4736	<NONE>	<NONE>	<NONE>	188864	(M74027) mucin [Homo sapiens]	0.002
4737	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-005	<NONE>	<NONE>	<NONE>
4738	AB018270	Homo sapiens mRNA for KIAA0727 protein, partial cds	0	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	1.8
4739	AB018270	Homo sapiens mRNA for KIAA0727 protein, partial cds	0	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	1.8
4740	AE001382	Plasmodium falciparum chromosome 2, section 19 of 73 of the complete sequence	0.25	<NONE>	<NONE>	<NONE>
4741	AE001382	Plasmodium falciparum chromosome 2, section 19 of 73 of the complete sequence	0.25	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4742	X55038	Mouse mCENP-B gene for centromere autoantigen B	0.001	3879362	(Z81113) similar to DnaJ, prokaryotic heat shock protein, Zinc finger, C2H2 type; cDNA EST yk290e12.5 comes from this gene; cDNA EST yk290e12.3 comes from this gene; cDNA EST yk447h4.5 comes from this gene; cDNA EST yk474e4....	7e-007
4743	AF054024	Rattus norvegicus polymorphic marker D9UIA2 sequence	0.62	<NONE>	<NONE>	<NONE>
4744	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	0.0005	<NONE>	<NONE>	<NONE>
4745	Z11808	T.glis interphotoreceptor retinoid binding protein gene, exon 1	1.6	<NONE>	<NONE>	<NONE>
4746	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4747	AF047470	Homo sapiens malate dehydrogenase precursor complete cds	1e-019	2995307	(AL022268) putative aminotransferase	0.12
4748	AF029890	Homo sapiens hepatitis B virus X interacting protein (XIP) mRNA, complete cds	e-161	2745883	(AF029890) hepatitis B virus X interacting protein [Homo sapiens]	2e-044

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4750	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	8e-008	1723019	HYPOTHETICAL 29.6 KD PROTEIN CY251.12C >gi 1405764 gnl PI D e249453 (Z74410) hypothetical protein Rv0093c [Mycobacterium tuberculosis]	2.5
4751	M37583	Human histone (H2A.Z) mRNA, complete cds.	0	121994	HISTONE H2A.Z >gi 89608 pir S03 642 histone H2A.Z - bovine >gi 92380 pir S03 644 histone H2A.Z - rat >gi 106267 pir A3 5881 histone H2A.Z - human sapiens] >gi 57808 (X52316) histone H2A.Z (AA 1- 127) taurus] >gi 184060 (M37583) histone (H2A.Z) [Homo sapien	1e-055
4752	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	5e-014	<NONE>	<NONE>	<NONE>
4753	X65279	pWE15 cosmid vector DNA	7e-079	987050	(X65335) lacZ gene product [unidentified cloning vector]	1e-013
4754	D38549	Human mRNA for KIAA0068 gene, partial cds	e-169	<NONE>	<NONE>	<NONE>
4755	L27835	Pangasianodon gigas growth hormone (GH) mRNA, complete cds.	1.5	538251	(D00322) polyprotein [Tomato black ring virus]	5.8

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4756	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	0.0002	1477565	(U50078) p619 [Homo sapiens]	8.9
4757	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	0.0002	1477565	(U50078) p619 [Homo sapiens]	8.9
4758	U47414	Human cyclin G2 mRNA, complete cds	e-116	<NONE>	<NONE>	<NONE>
4759	AB014560	Homo sapiens mRNA for KIAA0660 protein, complete cds	e-173	<NONE>	<NONE>	<NONE>
4760	L35664	Homo sapiens (subclone H8 8_f5 from P1 35 H5 C8) DNA sequence.	1e-030	2072966	(U93570) p40 [Homo sapiens]	0.001
4761	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	4e-013	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	3.1
4762	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	4e-013	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	3.1
4763	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-012	<NONE>	<NONE>	<NONE>
4764	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-012	<NONE>	<NONE>	<NONE>
4765	M59317	Mouse low affinity IgE receptor (FcεRII) gene sequence.	1e-006	2135765	mucin 2 precursor, intestinal - human	0.0003

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4766	D14034	Human gene for Zn-alpha2-glycoprotein, complete cds	3e-008	119379	RETROVIRUS-RELATED ENV POLYPROTEIN	6e-007
4767	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4768	M61185	Bovine glutamic acid-rich protein mRNA, complete cds.	0.01	2781362	(AC003113) F24O1.18 [Arabidopsis thaliana]	1.1
4769	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4770	Z62012	H.sapiens CpG DNA, clone 61g4, reverse read cpg61g4.r1a	0.076	1582765	YFW1 gene [Saccharomyces cerevisiae]	2.9
4771	M29065	Human hnRNP A2 protein mRNA.	0	4049652	(AF063866) ORF MSV017 hypothetical protein [Melanoplus sanguinipes entomopoxvirus]	5.9
4772	D12525	Homo sapiens cytochrome P450IA1 gene, 3'flanking region	6e-016	728837	!!!! ALU SUBFAMILY SQ WARNING ENTRY	9.6
4773	M16660	Human 90-kDa heat-shock protein gene, cDNA, complete cds.	e-109	2119731	HSP90 - mouse (fragment) protein {C-terminal} [mice, heart, Peptide Partial, 194 aa] [Mus sp.]	1e-023
4774	AF043105	Homo sapiens glutathione S-transferase mu 3	9e-020	728831	!!!! ALU SUBFAMILY J WARNING ENTRY	0.63
4775	U43374	Human normal keratinocyte mRNA.	0	120179	FINQ PROTEIN >gi 73172 pir BV ECFQ finQ protein - Escherichia coli plasmid R820a	9
4776	U00684	Human unknown mRNA.	2e-014	2224667	(AB002361) KIAA0363 [Homo sapiens]	6.6

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4777	M22299	Human T-plastin polypeptide mRNA, complete cds, clone p4. > :: gb I08151 Sequence 1 from Patent EP 0345726	4e-008	<NONE>	<NONE>	<NONE>
4778	M95623	Homo sapiens hydroxymethylbilane synthase gene, complete cds.	3e-018	3002527	(AF010144) neuronal thread protein AD7c-NTP [Homo sapiens]	0.52
4779	X52329	pBluescript II KS(-) vector DNA, phagemid excised from lambda ZAPII	0	2117615	catalase - Campylobacter jejuni	2e-009
4780	X52329	pBluescript II KS(-) vector DNA, phagemid excised from lambda ZAPII	0	2117615	catalase - Campylobacter jejuni	2e-009
4781	AF061034	Homo sapiens FIP2 alternatively translated mRNA, complete cds	0	3127084	(AF061034) FIP2 [Homo sapiens]	9e-089
4782	Z64776	H.sapiens CpG DNA, clone 167d8, forward read cpg167d8.ft1b .	0.0002	1777782	(U52513) ISG family member [Homo sapiens]	1.8
4783	D31786	Acyrrhosiphon kondoi endosymbiont DNA, S10 and spc ribosomal protein gene operons, complete and partial cds	1.1	2134310	cell division control protein CDC37 homolog splice form 1 - chicken	4e-005
4784	L05491	Homo sapiens T-plastin gene, last exon (16).	0	2506254	T-PLASTIN	3e-018
4785	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	8e-007	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4786	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7e-006	3877438	(Z72510) similar to G-protein coupled receptor [Caenorhabditis elegans]	2
4787	L38250	Mycoplasma penetrans p35 lipoprotein and p33 lipoprotein genes, complete cds	0.041	<NONE>	<NONE>	<NONE>
4788	J03537	Human ribosomal protein S6 mRNA, complete cds.	e-138	133978	40S RIBOSOMAL PROTEIN S6 protein S6 - rat >gi 70933 pir R3 MS6 ribosomal protein S6 - mouse >gi 319910 pir R3 HU6 ribosomal protein S6 - human >gi 36148 (X67309) ribosomal protein S6 [Homo sapiens] >gi 54010 (Y00348) ribosomal protein S6 [Mus musculus] >g	3e-033
4789	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	1e-011	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	2.6
4790	AF041210	Homo sapiens midline 1 fetal kidney isoform 3	0.41	<NONE>	<NONE>	<NONE>
4791	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	3e-010	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	3.2

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4792	S60885	LYAR=cell growth regulating nucleolar protein	2e-026	2498524	CELL GROWTH REGULATING NUCLEOLAR PROTEIN >gi 423488 pir A40683 cell growth regulating nucleolar protein LYAR - mouse >gi 300372 bbs 131782	0.43
4793	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4794	U28687	Human zinc finger containing protein ZNF157	3e-027	1731444	ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2) >gi 1020145 (M27878) DNA binding protein	3e-008
4795	AF086438	Homo sapiens full length insert cDNA clone ZD80G11	0.0002	<NONE>	<NONE>	<NONE>
4796	L28997	Homo sapiens ARL1 mRNA, complete cds	3e-006	<NONE>	<NONE>	<NONE>
4797	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	3e-008	1280126	(U55375) K03E6.4 [Caenorhabditis elegans]	2e-012
4798	AE001415	Plasmodium falciparum chromosome 2, section 52 of 73 of the complete sequence	0.015	<NONE>	<NONE>	<NONE>
4799	D21853	Human mRNA for KIAA0111 gene, complete cds	0	729821	EUKARYOTIC INITIATION FACTOR 4A-LIKE NUK-34 (HA0659) >gi 631472 pir S45142 translation initiation factor eIF-4A2 homolog - human >gi 496902	2e-010

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4800	M76425	H.sapiens intron 2 Alu repetitive element.	0.014	<NONE>	<NONE>	<NONE>
4801	X87212	H.sapiens mRNA for cathepsin C	0	1582221	prepro-cathepsin C [Homo sapiens]	1e-052
4802	D80005	Human mRNA for KIAA0183 gene, partial cds	e-114	1136426	(D80005) KIAA0183 [Homo sapiens]	7e-025
4803	AF026029	Homo sapiens poly(A) binding protein II (PABP2) gene, complete cds	2e-055	<NONE>	<NONE>	<NONE>
4804	Z68322	Human DNA sequence from cosmid L79F5, Huntington's Disease Region, chromosome 4p16.3	2e-016	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5.6
4805	M63180	Human threonyl-tRNA synthetase mRNA, complete cds	0	135177	THREONYL-TRNA SYNTHETASE, CYTOPLASMIC (THREONINE--TRNA LIGASE) (THRRS) 6.1.1.3) - human >gi1464742 (M63180) threonyl-tRNA synthetase [Homo sapiens]	5e-070
4806	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	3.7	<NONE>	<NONE>	<NONE>
4807	D16431	Human mRNA for hepatoma-derived growth factor, complete cds	3e-010	<NONE>	<NONE>	<NONE>
4808	AF086168	Homo sapiens full length insert cDNA clone ZB82D09	e-148	1465826	(U64856) weak similarity to TPR domains [Caenorhabditis elegans]	2e-014

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4809	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	4e-012	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	4.4
4810	M34651	Pseudorabies virus with upstream and downstream sequences.	0.4	417134	HEPATOCYTE NUCLEAR FACTOR 3-BETA norvegicus]	0.047
4811	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	3e-010	1353390	(U34998) Rad9 [Coprinus cinereus]	3e-010
4812	M94314	Homo sapiens ribosomal protein L30 mRNA, complete cds	1e-064	<NONE>	<NONE>	<NONE>
4813	X95276	P.falciparum complete gene map of plastid- like DNA (IR-B)	0.001	<NONE>	<NONE>	<NONE>
4814	X12716	Human Retrovirus mRNA for LTR (clone cH6)	5e-024	<NONE>	<NONE>	<NONE>
4815	J03537	Human ribosomal protein S6 mRNA, complete cds.	e-138	133978	40S RIBOSOMAL PROTEIN S6 protein S6 - rat >gi 70933 pir R3 MS6 ribosomal protein S6 - mouse >gi 319910 pir R3 HU6 ribosomal protein S6 - human >gi 36148 (X67309) ribosomal protein S6 [Homo sapiens] >gi 54010 (Y00348) ribosomal protein S6 [Mus musculus] >g	3e-033
4816	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4817	U61945	Caenorhabditis elegans cosmid C49C8.	1.8	<NONE>	<NONE>	<NONE>
4818	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4819	M20020	Human ribosomal protein S6 mRNA, complete cds.	7e-072	225901	ribosomal protein S6 [Rattus norvegicus]	2e-015
4820	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.058	<NONE>	<NONE>	<NONE>
4821	AL023973	Human DNA sequence from clone 1033E15 on chromosome 22q13.1-13.2. Contains part of a novel gene, ESTs and a GSS, complete sequence [Homo sapiens]	3e-009	2352260	(AF000949) keratin [Canis familiaris]	0.037
4822	M37430	Pea Chloroplast 4.5S, 5S, 16S and 23S mRNA.	4.7	4093193	(AF106583) unknown [Caenorhabditis elegans]	4.8
4823	M63488	Human replication protein A 70kDa subunit mRNA complete cds.	0	1350579	REPLICATION PROTEIN A 70 KD DNA-BINDING SUBUNIT (RP-A) (RF-A) (REPLICATION FACTOR-A PROTEIN 1) (SINGLE-STRANDED DNA-BINDING PROTEIN) subunit [Homo sapiens]	8e-079
4824	X83791	C.tentans BR1 gene	1.2	<NONE>	<NONE>	<NONE>
4825	U67576	Methanococcus jannaschii section 118 of 150 of the complete genome	4	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4826	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-009	<NONE>	<NONE>	<NONE>
4827	X65319	Cloning vector pCAT-Enhancer	2e-077	987050	(X65335) lacZ gene product [unidentified cloning vector]	2e-011
4828	X03558	Human mRNA for elongation factor 1 alpha subunit	0	1169475	ELONGATION FACTOR 1- ALPHA 1	e-109
4829	X76538	H.sapiens Mpv17 mRNA	6.00E-98	730059	MPV17 PROTEIN >gi 631208 pir S4 5343 glomerulosclerosis protein Mpv17 - human	3e-010
4830	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4831	<NONE>	<NONE>	<NONE>	2078483	(U43200) antifreeze glycopeptide AFGP polyprotein precursor [Boreogadus saida]	0.014
4832	X83617	H.sapiens mRNA for RanBP1	3.4	3924670	(AC004990) supported by Genscan and several ESTs: C83049	3e-040
4833	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-011	3024677	ISOLEUCYL- TRNA SYNTHETASE isoleucyl-tRNA synthetase (ileS) [Helicobacter pylori]	0.005
4834	J02763	Human calcyclin gene, complete cds.	1e-043	<NONE>	<NONE>	<NONE>
4835	L10910	Homo sapiens splicing factor (CC1.3) mRNA, complete cds.	0.00E+00	<NONE>	<NONE>	<NONE>
4836	X53586	Human mRNA for integrin alpha 6	2e-099	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4837	Z57594	H.sapiens CpG DNA, clone 186c5, reverse read cpg186c5.rt1b.	1.4	<NONE>	<NONE>	<NONE>
4838	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4839	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7e-007	<NONE>	<NONE>	<NONE>
4840	Y00371	Human hsc70 gene for 71 kd heat shock cognate protein > :: gb AR013986 AR013986 Sequence 15 from patent US 5773245	e-145	987050	(X65335) lacZ gene product [unidentified cloning vector]	7e-011
4841	AF074991	Homo sapiens full length insert cDNA YH88A03	0.0005	<NONE>	<NONE>	<NONE>
4842	AF055030	Homo sapiens clone 24538 mRNA sequence	2e-049	2842711	ZINC-FINGER PROTEIN UBI-D4 sapiens]	2e-016
4843	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-005	1353531	(U38906) ORF14 [Bacteriophage r1t]	7.1
4844	Z57588	H.sapiens CpG DNA, clone 186b7, reverse read cpg186b7.rt1b.	0.41	<NONE>	<NONE>	<NONE>
4845	X65319	Cloning vector pCAT-Enhancer	9e-051	987050	(X65335) lacZ gene product [unidentified cloning vector]	0.37
4846	X78411	B.pasteurii ureA, ureB and ureC genes.	3.1	<NONE>	<NONE>	<NONE>
4847	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	3e-009	2224697	(AB002376) KIAA0378 [Homo sapiens]	5e-008

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4848	U78729	Homo sapiens mad protein homolog Smad2 gene, exon 6	4.7	<NONE>	<NONE>	<NONE>
4849	D55696	Human mRNA for cysteine protease, complete cds	0	2842759	LEGUMAIN PRECURSOR (ASPARAGINYL ENDOPEPTIDASE) >gi 1743266 gn PI D e286211 (Y09862) legumain [Homo sapiens]	3e-030
4850	U95097	Xenopus laevis mitotic phosphoprotein 43 mRNA, partial cds	0.43	3005603	(AF053141) progesterone receptor [Equus caballus]	2.2
4851	U46118	Rattus norvegicus cytochrome P450 3A9 mRNA, complete cds	0.38	<NONE>	<NONE>	<NONE>
4852	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-006	2495726	HYPOTHETICAL PROTEIN KIAA0254 sapiens]	1e-005
4853	L10911	Homo sapiens splicing factor (CC1.4) mRNA, complete cds.	e-117	<NONE>	<NONE>	<NONE>
4854	D00132	Acremonium chrysogenum ARS DNA fragment	1.7	130998	SALIVARY PROLINE-RICH PROTEIN PRECURSOR (CLONE CP7) [CONTAINS: BASIC PEPTIDE P-F] glycoprotein precursor PRB2 - human (fragment) precursor [Homo sapiens]	0.45
4855	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	4e-011	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5.9

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4856	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4857	AC002186	Homo sapiens (subclone 1_f12 from P1 H115) DNA sequence	1e-041	2072966	(U93570) p40 [Homo sapiens]	4e-013
4858	AF053520	Homo sapiens allele 12 fragile site locus	0.61	<NONE>	<NONE>	<NONE>
4859	X65319	Cloning vector pCAT-Enhancer	2e-077	987050	(X65335) lacZ gene product [unidentified cloning vector]	2e-011
4860	AJ005866	Homo sapiens mRNA for putative Sqv-7- like protein, partial	e-179	4008517	(AJ005866) Sqv- 7-like protein [Homo sapiens]	3e-049
4861	AF052165	Homo sapiens clone 24522 mRNA sequence	4e-072	2065177	(Y12790) Supt5h protein [Homo sapiens] sapiens]	1e-021
4862	M90058	Human serglycin gene, exons 1,2, and 3.	0.005	<NONE>	<NONE>	<NONE>
4863	U17662	Human neurofibromatosis 1 (NF1) gene, exons 4c and 5 and partial cds	1.3	<NONE>	<NONE>	<NONE>
4864	U64453	Human ELK1 pseudogene (ELK2) and immunoglobulin heavy chain gamma pseudogene (IGHGP)	3e-018	<NONE>	<NONE>	<NONE>
4865	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-005	<NONE>	<NONE>	<NONE>
4866	X16826	Drosophila melanogaster DNA for 60C beta tubulin gene making beta 3 tubulin isoform	2.2	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4867	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	4e-009	<NONE>	<NONE>	<NONE>
4868	X65319	Cloning vector pCAT-Enhancer	8e-081	987050	(X65335) lacZ gene product [unidentified cloning vector]	3e-015
4869	AL031322	S.pombe chromosome II cosmid c17D1	0.38	<NONE>	<NONE>	<NONE>
4870	M11560	Human aldolase A mRNA, complete cds.	0	553861	(J05517) aldolase A [Mus musculus]	2e-066
4871	U28831	Human protein immuno-reactive with anti-PTH polyclonal antibodies mRNA, partial cds. > :: gb I40055 I40055 Sequence 1 from patent US 5618695	e-106	896065	(U28831) protein that is immuno- reactive with anti- PTH polyclonal antibodies [Homo sapiens]	1e-014
4872	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-005	<NONE>	<NONE>	<NONE>
4873	<NONE>	<NONE>	<NONE>	107112	mucin, tracheal (AMN-22) - human (fragment)	4e-009
4874	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-011	<NONE>	<NONE>	<NONE>
4875	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-011	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4876	D85752	Enterococcus faecalis plasmid pPD1 bacA, bacB, bacC, bacD, bacE, bacF, bacG, bacH and bacI genes, complete cds	0.042	1123087	(U42436) C49H3.3 gene product [Caenorhabditis elegans]	0.001
4877	AC001443	Homo sapiens (subclone 2_f10 from BAC 2913	1e-033	2072961	(U93568) putative p150 [Homo sapiens]	3e-007
4878	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	4e-012	<NONE>	<NONE>	<NONE>
4879	S81433	heme oxygenase-2 {5' region, alternative splicing}	4.2	<NONE>	<NONE>	<NONE>
4880	M34312	S.cerevisiae telomeric sequence DNA, clone YLP108CA-4-ii.	5e-010	188864	(M74027) mucin [Homo sapiens]	2e-007
4881	AF075079	Homo sapiens full length insert cDNA YQ80A08	1.00E-12	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	4.6
4882	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.015	3176689	(AC003671) Contains similarity to ubiquitin carboxyl-terminal hydrolase 14 gb Z35927 from S. cerevisiae. [Arabidopsis thaliana]	4.5
4883	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.12	<NONE>	<NONE>	<NONE>
4884	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7e-007	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4885	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7e-007	<NONE>	<NONE>	<NONE>
4886	U74586	Rattus norvegicus double-stranded RNA specific adenosine deaminase (RED2) mRNA, complete cds	3.5	2828280	(AL021687) putative protein [Arabidopsis thaliana] >gi 2832633 gnl PI D e1249651 (AL021711) putative protein [Arabidopsis thaliana]	4e-008
4887	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	5e-014	2497599	LAMININ BETA-2 CHAIN PRECURSOR	5.4
4888	D78572	House mouse; Musculus domesticus mRNA for membrane glycoprotein, complete cds > :: dbj E12950 E12950 cDNA GA3-43 encoding novel polypeptide which appear when differentiate from embryo-tumor cell P19 to nerve cell	7e-017	1545807	(D78572) membrane glycoprotein [Mus musculus]	1.2
4889	L07273	Rattus norvegicus carboxypeptidase E (CPE) gene, exon 1.	3.2	<NONE>	<NONE>	<NONE>
4890	Z46629	Homo sapiens SOX9 mRNA. > :: gb G28593 G28593 human STS SHGC-35378.	e-132	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4891	M30802	Human aromatase cytochrome P-450 gene, exon 8.	3.3	<NONE>	<NONE>	<NONE>
4892	M28699	Homo sapiens nucleolar phosphoprotein B23 (NPM1) mRNA, complete cds.	5e-088	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5.2
4893	M89955	Human 5-HT1D-type serotonin receptor gene, complete cds.	0	2494923	5-HYDROXYTRYPTAMINE 1D RECEPTOR 1D [Cavia porcellus]	3e-008
4894	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.0002	<NONE>	<NONE>	<NONE>
4895	AF004230	Homo sapiens monocyte/macrophage Ig-related receptor MIR-7 (MIR cl-7) mRNA, complete cds	2e-012	<NONE>	<NONE>	<NONE>
4896	D50463	Mouse SDR1 mRNA, complete cds	0	1806276	(X99337) glycoprotein 55 [Rattus norvegicus]	e-103
4897	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4898	AB014597	Homo sapiens mRNA for KIAA0697 protein, partial cds	2e-067	3327208	(AB014597) KIAA0697 protein [Homo sapiens]	9e-051
4899	AF047598	Homo sapiens origin recognition complex subunit 4 (ORC4L) mRNA, complete cds	e-110	2736149	(AF022108) putative replication initiator origin recognition complex subunit Orc4Lp [Homo sapiens] subunit 4; Orc4p [Homo sapiens]	7e-005

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4900	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7e-007	<NONE>	<NONE>	<NONE>
4901	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7e-007	<NONE>	<NONE>	<NONE>
4902	U22325	Mus musculus faciogenital dysplasia (Fgd1) mRNA, complete cds.	1.20E+00	<NONE>	<NONE>	<NONE>
4903	U22325	Mus musculus faciogenital dysplasia (Fgd1) mRNA, complete cds.	1.20E+00	<NONE>	<NONE>	<NONE>
4904	U22325	Mus musculus faciogenital dysplasia (Fgd1) mRNA, complete cds.	1.20E+00	<NONE>	<NONE>	<NONE>
4905	U26162	Human myosin regulatory light chain mRNA, complete cds.	0	228542	myosin:SUBUNIT =regulatory light chain	3e-068
4906	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4907	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-011	3822225	(AF079183) RING-H2 finger protein RHG1a [Arabidopsis thaliana]	4e-006
4908	X65319	Cloning vector pCAT-Enhancer	1e-075	987050	(X65335) lacZ gene product [unidentified cloning vector]	8e-019
4909	AJ010475	Arabidopsis thaliana mRNA for DEAD box RNA helicase, RH28	0.62	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4910	U48364	Mus musculus muscle-specific transcriptional activator alpha-NAC gp220 (Naca) mRNA, complete cds	0.2	<NONE>	<NONE>	<NONE>
4911	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4912	J03750	Mouse single stranded DNA binding protein p9 mRNA, complete cds.	e-135	1709514	ACTIVATED RNA POLYMERASE II TRANSCRIPTIONAL COACTIVATOR P15 (PC4) (P14) cofactor p15 - human >gi 531395 (U12979) PC4 [Homo sapiens] >gi 619161 (X79805) PC4, p15 [Homo sapiens]	1e-020
4913	U70263	Border disease virus strain BD31, complete genome	3.2	<NONE>	<NONE>	<NONE>
4914	AB012086	Canine herpesvirus gene for immediate-early protein, complete cds	0.37	<NONE>	<NONE>	<NONE>
4915	X05908	Human mRNA for lipocortin	e-162	113944	ANNEXIN I (LIPOCORTIN I) (CALPACTIN II) (CHROMOBINDIN 9) (P35) (PHOSPHOLIPASE A2 INHIBITORY PROTEIN) >gi 71756 pir LU HU annexin I - human >gi 34388	9e-041
4916	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4917	U90911	Human clone 23652 mRNA sequence	0.13	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4918	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	8e-007	<NONE>	<NONE>	<NONE>
4919	X57830	H.sapiens serotonin 5-HT2 receptor mRNA > :: gb G28536 G285 36 human STS SHGC-31576.	4e-011	<NONE>	<NONE>	<NONE>
4920	U67559	Methanococcus jannaschii section 101 of 150 of the complete genome	3.5	<NONE>	<NONE>	<NONE>
4921	M20020	Human ribosomal protein S6 mRNA, complete cds.	0	133978	40S RIBOSOMAL PROTEIN S6 protein S6 - rat >gi 70933 pir R3 MS6 ribosomal protein S6 - mouse >gi 319910 pir R3 HU6 ribosomal protein S6 - human >gi 36148 (X67309) ribosomal protein S6 [Homo sapiens] >gi 54010 (Y00348) ribosomal protein S6 [Mus musculus] >g	2e-072
4922	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	6e-006	<NONE>	<NONE>	<NONE>
4923	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	6e-006	<NONE>	<NONE>	<NONE>
4924	X76683	Plasmid vector pHM2 betalactamase gene	e-160	987050	(X65335) lacZ gene product [unidentified cloning vector]	3e-015

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4925	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4926	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	0.002	<NONE>	<NONE>	<NONE>
4927	D50369	Homo sapiens mRNA for low molecular mass ubiquinone-binding protein, complete cds	e-152	3024781	UBIQUINOL-CYTOCHROME C REDUCTASE COMPLEX UBIQUINONE-BINDING PROTEIN QP-C PROTEIN) (COMPLEX III SUBUNIT VII) >gi 2605590 (D50369) low molecular mass ubiquinone-binding protein [Homo sapiens]	6e-023
4928	M63391	Human desmin gene, complete cds.	4e-013	<NONE>	<NONE>	<NONE>
4929	D38417	Mouse mRNA for arylhydrocarbon receptor, complete cds	e-110	<NONE>	<NONE>	<NONE>
4930	U38253	Rattus norvegicus initiation factor eIF-2B gamma subunit (eIF-2B gamma) mRNA, complete cds	e-175	2494312	TRANSLATION INITIATION FACTOR EIF-2B GAMMA SUBUNIT (EIF-2B GDP-GTP EXCHANGE FACTOR) subunit [Rattus norvegicus]	4e-040
4931	D38417	Mouse mRNA for arylhydrocarbon receptor, complete cds	e-110	<NONE>	<NONE>	<NONE>
4932	U50767	Mus musculus alpha 1 type I collagen gene, partial cds and 3' flanking region.	1.2	<NONE>	<NONE>	<NONE>
4933	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4934	U86137	Mus musculus telomerase protein-1 mRNA, complete cds	1.70E-01	3327208	(AB014597) KIAA0697 protein [Homo sapiens]	9e-006
4935	S57980	Crp1=cystatin-related protein-1 [rats, Genomic, 7673 nt]	0.041	<NONE>	<NONE>	<NONE>
4936	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4937	AB012047	Arabidopsis thaliana gene for sulfate transporter, complete cds, clone:AST56	0.14	3915658	ATP-DEPENDENT RNA HELICASE A helicase II [Homo sapiens]	6.1
4938	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-007	<NONE>	<NONE>	<NONE>
4939	AB018374	Mus musculus GARP34 mRNA, complete cds	3e-037	<NONE>	<NONE>	<NONE>
4940	AF001498	Campylobacter jejuni polysaccharide biosynthesis protein homolog gene, partial cds, galactosyl transferase homolog, UDP-galactose phosphate transferase homolog, acetyl transferase homolog and aminotransferase homolog gen...	3e-005	<NONE>	<NONE>	<NONE>
4941	J04617	Human elongation factor EF-1-alpha gene, complete cds. > :: dbj E02629 E02629 DNA of human polypeptide chain elongation factor-	3e-090	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
		l alpha				
4942	Z54349	H.sapiens MN/CA9 GENE	2e-007	<NONE>	<NONE>	<NONE>
4943	AF077374	Homo sapiens small proline-rich protein (SPRR3) gene, exons 1, 2, and 3 and complete cds	1.3	<NONE>	<NONE>	<NONE>
4944	X59828	Human chromosome 22 flanking hypervariable simple repeat DNA (clone HZREP42)	0.0003	<NONE>	<NONE>	<NONE>
4945	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1.00E-09	124180	TRANSCRIPTIO NAL REGULATOR IE63 human herpesvirus 1 (strain 17) herpesvirus 1] >gi 221713 (D00374) immediate early transcriptional modulating protein IE63 (gene UL54) herpesvirus 1]	5.8
4946	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1.00E-09	124180	TRANSCRIPTIO NAL REGULATOR IE63 human herpesvirus 1 (strain 17) herpesvirus 1] >gi 221713 (D00374) immediate early transcriptional	5.8

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
					modulating protein IE63 (gene UL54) herpesvirus 1]	
4947	X76683	Plasmid vector pHM2 betalactamase gene	8e-092	987050	(X65335) lacZ gene product [unidentified cloning vector]	3e-015
4948	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4949	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2.00E-04	<NONE>	<NONE>	<NONE>
4950	X16972	Drosophila melanogaster cecropin gene cluster	1.20E-01	1362688	morphogen Xhh precursor - African clawed frog >gi 790938 (L39213) morphogen [Xenopus laevis]	1.9
4951	U12022	Human calmodulin (CALM1) gene, exons 2,3,4,5 and 6, and complete cds	0	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5.9
4952	X56536	Rabbit mRNA for pH regulatory protein (Na ⁺ /H ⁺ exchanger), partial	2.3	119110	EBNA-1 NUCLEAR PROTEIN herpesvirus 4 (strain B95-8) >gi 1334880 (V01555) BKRF1 encodes EBNA-1 protein, latent cycle gene. [Human herpesvirus 4]	4e-018

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4953	AF037438	Homo sapiens short chain L-3-hydroxyacyl-CoA dehydrogenase (SCHAD) gene, complete cds	2e-006	<NONE>	<NONE>	<NONE>
4954	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	4e-012	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	3.4
4955	AB000467	Homo sapiens mRNA, partial cds, clone:RES4-25	2e-012	<NONE>	<NONE>	<NONE>
4956	U31525	Human glycogenin mRNA, complete cds	0	1707996	GLYCOGENIN >gi2135280 pir J C4695 glycogenin glucosyltransferase (EC 2.4.1.186) - human	5e-042
4957	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4958	AF003836	Mesocricetus auratus isopentenyl diphosphate:dime thylallyl diphosphate isomerase mRNA, complete cds	1.30E+00	<NONE>	<NONE>	<NONE>
4959	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4960	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4961	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	4.90E-02	<NONE>	<NONE>	<NONE>
4962	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	4.90E-02	<NONE>	<NONE>	<NONE>
4963	L32537	Homo sapiens (clone XP6G6B) mRNA, partial EST.	5.00E-03	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4964	L32537	Homo sapiens (clone XP6G6B) mRNA, partial EST.	5.00E-03	<NONE>	<NONE>	<NONE>
4965	X63787	T.thermophila gene for snRNA U3-2	0.41	<NONE>	<NONE>	<NONE>
4966	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4967	U27341	Bos taurus endothelin converting enzyme-2 Sequence 1 from patent US 5736376	7e-015	<NONE>	<NONE>	<NONE>
4968	U35114	Human apolipoprotein E (APOE) gene, hepatic control region HCR-2	9e-005	<NONE>	<NONE>	<NONE>
4969	M86374	Rat tropoelastin gene, intron 25 (partial).	0.13	<NONE>	<NONE>	<NONE>
4970	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-007	<NONE>	<NONE>	<NONE>
4971	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-007	<NONE>	<NONE>	<NONE>
4972	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-007	<NONE>	<NONE>	<NONE>
4973	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7.00E-07	<NONE>	<NONE>	<NONE>
4974	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7.00E-07	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4975	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7.00E-07	<NONE>	<NONE>	<NONE>
4976	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.005	2995290	(AL022268) putative transmembrane transport protein [Streptomyces coelicolor]	1.50E-02
4977	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.005	2995290	(AL022268) putative transmembrane transport protein [Streptomyces coelicolor]	1.50E-02
4978	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.005	2995290	(AL022268) putative transmembrane transport protein [Streptomyces coelicolor]	1.50E-02
4979	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2.00E-05	2983512	(AE000718) putative protein [Aquifex aeolicus]	2.2
4980	X56536	Rabbit mRNA for pH regulatory protein (Na ⁺ /H ⁺ exchanger), partial	2.3	119110	EBNA-1 NUCLEAR PROTEIN herpesvirus 4 (strain B95-8) >gi 1334880 (V01555) BKRF1 encodes EBNA-1 protein, latent cycle gene. [Human herpesvirus 4]	4e-018
4981	Z11508	A.thaliana rpl15 gene for plastid ribosomal protein CL15	5.00E-03	3283910	(AF070638) unknown [Homo sapiens]	2.5
4982	X95834	H.sapiens DNA sequence surrounding NotI site, clone NRLA143D	7e-070	1588365	signal peptidase:SUBUNIT=12kD [Homo sapiens]	1e-043,

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4983	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-007	4008081	(AF106835) putative DnaJ [Methylovorus sp. strain SS1]	3e-010
4984	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4985	U43626	Human chromosome 15q11-q13 putative DNA replication origin in the g-aminobutyric acid receptor b3 and a5 gene cluster	2e-018	2197085	(AF003535) ORF2-like protein [Homo sapiens]	0.0002
4986	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4987	D21272	Rice mRNA for ADP-glucose pyrophosphorylase	1.1	1708084	EXOGLUCANASE B PRECURSOR 1,4-beta-cellobiosidase (EC 3.2.1.91) precursor - Cellulomonas fimi >gi 790698 (L38827) beta-1,4-cellobiohydrolase [Cellulomonas fimi]	5.8
4988	U59706	Gallus gallus alternatively spliced AMPA glutamate receptor, isoform GluR2 flop, (GluR2) mRNA, partial cds.	0.015	<NONE>	<NONE>	<NONE>
4989	AF086033	Homo sapiens full length insert cDNA clone YW26E09	e-174	<NONE>	<NONE>	<NONE>
4990	L31840	Rattus norvegicus nuclear pore complex protein NUP107 mRNA, complete cds.	e-179	1709212	NUCLEAR PORE COMPLEX PROTEIN NUP107	2e-083

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4991	AF052144	Homo sapiens clone 24573 and 24786 mRNA sequences	e-170	1174415	SPIDROIN 2 (DRAGLINE SILK FIBROIN 2) >gi 345426 pir A44112 spidroin 2, dragline silk fibroin - orb spider (Nephila clavipes) (fragment) clavipes]	4.8
4992	M22406	Human intestinal mucin mRNA, partial cds, clone SMUC 42.	0.085	188864	(M74027) mucin [Homo sapiens]	1e-009
4993	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4994	U24697	Chironomus samoensis nanos homolog (Cs nos) gene, complete cds.	0.13	3880999	(AL021492) Y45F10D.11 [Caenorhabditis elegans]	7e-022
4995	M64716	Human ribosomal protein S25 mRNA, complete cds.	4e-074	2943738	(AB011550) Drosophila Policombl-like-related gene containing PHD fingers. [Mus musculus]	4e-011
4996	X54326	H.sapiens mRNA for glutamyl-tRNA synthetase	0	135104	MULTIFUNCTIONAL AMINOACYL-TRNA SYNTHETASE (CONTAINS: GLUTAMYL-TRNA SYNTHETASE glutamyl-prolyl-tRNA synthetase - human >gi 31958	1e-088
4997	Z12112	pWE15A cosmid vector DNA	2e-028	987050	(X65335) lacZ gene product [unidentified cloning vector]	2e-007
4998	Z62939	H.sapiens CpG DNA, clone 75f1, forward read cpg75f1.ft1b.	3e-010	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4999	<NONE>	<NONE>	<NONE>	2134574	mucin - rhesus macaque (fragment) >gi 437055	5e-005
5000	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	9e-009	<NONE>	<NONE>	<NONE>
5001	Z93950	H.sapiens DNA; chromosome Y repeat regions	0.15	<NONE>	<NONE>	<NONE>
5002	X64037	H.sapiens mRNA for RNA polymerase II associated protein RAP74	5e-056	<NONE>	<NONE>	<NONE>
5003	M37583	Human histone (H2A.Z) mRNA, complete cds.	e-132	121994	HISTONE H2A.Z >gi 89608 pir S03642 histone H2A.Z - bovine >gi 92380 pir S03644 histone H2A.Z - rat >gi 106267 pir A35881 histone H2A.Z - human sapiens] >gi 57808 (X52316) histone H2A.Z (AA 1-127) taurus] >gi 184060 (M37583) histone (H2A.Z) [Homo sapien	2e-044
5004	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	4e-011	<NONE>	<NONE>	<NONE>
5005	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	4e-011	<NONE>	<NONE>	<NONE>
5006	M94764	Glycine max cv. Dare nodulin 26 gene fragment.	0.043	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5007	Z34287	B.subtilis (SO113) genomic DNA (5425bp)	1.2	<NONE>	<NONE>	<NONE>
5008	X76683	Plasmid vector pHM2 betalactamase gene	6e-078	987050	(X65335) lacZ gene product [unidentified cloning vector]	2e-014
5009	D17577	Mouse mRNA for kinesin-like protein (Kif1b), complete cds	e-109	2497524	KINESIN-LIKE PROTEIN KIF1B mouse >gi 407339 gnl PI D d1005029 (D17577) Kif1b [Mus musculus]	9e-041
5010	X91192	H.sapiens PLC beta 3 gene (exon 1) and SOM172 gene (exon 1)	1e-096	3294231	(AJ223970) mono-methyl transferase	3
5011	D88271	Human (lambda) DNA for immunoglobulin light chain	1e-021	<NONE>	<NONE>	<NONE>
5012	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5013	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5014	AF052133	Homo sapiens clone 23970 mRNA sequence	0	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5.9
5015	M21731	Human lipocortin-V mRNA, complete cds.	e-169	999934	Annexin V (Lipocortin V, Endonexin II, Placental Anticoagulant Protein) Mutant With Glu 17 Replaced By Gly, Glu 78 Replaced By Gln (E17g,E78q) Complexed With Calcium	4e-005

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5016	M21731	Human lipocortin-V mRNA, complete cds.	e-169	999934	Annexin V (Lipocortin V, Endonexin II, Placental Anticoagulant Protein) Mutant With Glu 17 Replaced By Gly, Glu 78 Replaced By Gln (E17g,E78q) Complexed With Calcium	4e-005
5017	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5018	L44118	Homo sapiens proximal CMT1A-REP repeat	0.0005	<NONE>	<NONE>	<NONE>
5019	Y16849	Bacillus sp. D3 xynA and abfA genes and ORF1	2e-015	<NONE>	<NONE>	<NONE>
5020	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-006	465975	PUTATIVE ATP-DEPENDENT RNA HELICASE T26G10.1 IN CHROMOSOME III >gi 482102 pir S40731 ATP-dependent RNA helicase homolog T26G10.1 - Caenorhabditis elegans >gi 3880293 gnl PI D e1349766 1397-1495 which introduced stop codon at 3' splice; 5' splice looks v.	9e-005
5021	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-006	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5022	U02455	Cloning vector rpDR2, complete sequence.	0.35	2132302	hypothetical protein YPR144c - yeast similarity near C-terminus to RNA Polymerase beta subunit (Swiss Prot. accession number P11213) and CCAAT-binding transcription factor (PIR accession number A36368) [Saccharomyces cerevisiae]	1e-031
5023	X97999	H.sapiens mRNA for transcription factor IID, subunit TAFII55	0	3024690	TRANSCRIPTION INITIATION FACTOR TFIID 55 KD SUBUNIT (TAFII-55) (TAFII55) factor IID [Homo sapiens]	4e-083
5024	X71642	M.musculus GEG-154 mRNA	3e-092	<NONE>	<NONE>	<NONE>
5025	X71642	M.musculus GEG-154 mRNA	3e-092	<NONE>	<NONE>	<NONE>
5026	AB018270	Homo sapiens mRNA for KIAA0727 protein, partial cds	4e-061	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	7.6
5027	D90086	Human pyruvate dehydrogenase (EC 1.2.4.1) beta subunit gene, exons 1-10	4e-011	2143936	probable regulatory protein 322 - rat	7.7
5028	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.002	<NONE>	<NONE>	<NONE>
5029	X65319	Cloning vector pCAT-Enhancer	2e-081	987050	(X65335) lacZ gene product [unidentified cloning vector]	3e-015
5030	<NONE>	<NONE>	<NONE>	188864	(M74027) mucin [Homo sapiens]	0.001

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5031	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	0.0002	3258141	(AP000007) 138aa long hypothetical protein [Pyrococcus horikoshii]	9.6
5032	X98001	H.sapiens mRNA for geranylgeranyl transferase II	e-129	2506788	GERANYLGERA NYL TRANSFERASE TYPE II BETA SUBUNIT (RAB GERANYLGERA NYLTRANSFER ASE BETA SUBUNIT) (RAB GERANYL- GERANYLTRAN SFERASE BETA SUBUNIT) transferase II [Homo sapiens]	3e-026
5033	U72789	Human cosmid U197H5, complete sequence [Homo sapiens]	5e-023	<NONE>	<NONE>	<NONE>
5034	U72789	Human cosmid U197H5, complete sequence [Homo sapiens]	5e-023	<NONE>	<NONE>	<NONE>
5035	U19239	Choristoneura fumiferana entomopoxvirus spheroidin gene, complete cds, G4R gene, partial cds, and nucleoside triphosphate phosphohydrolase (NPH I) gene, partial cds	3.8	<NONE>	<NONE>	<NONE>
5036	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	8e-009	2690166	(AE000788) B. burgdorferi predicted coding region BBK23	4

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5037	U66871	Human enhancer of rudimentary homolog mRNA, complete cds	0	2498336	ENHANCER OF RUDIMENTARY HOMOLOG homologous to DROER protein [Homo sapiens] >gi 1519519 sapiens]	6e-057
5038	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5039	X99728	H.sapiens NDUFV3 gene, exon 3	3e-092	2829450	NADH-UBIQUINONE OXIDOREDUCTASE 9 KD SUBUNIT PRECURSOR (COMPLEX I-9KD) (CI-9KD)	1e-015
5040	X78730	M. musculus DNA for the flanking sequences of the hypothalamic GRH first exons	2	<NONE>	<NONE>	<NONE>
5041	X84373	H.sapiens mRNA for nuclear factor RIP140 > :: gb G28540 G28540 human STS SHGC-31616.	e-155	<NONE>	<NONE>	<NONE>
5042	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5043	X82272	Human endogenous retrovirus env mRNA	8e-081	1196429	(M14123) pol/env ORF (bases 3878-8257) first start codon at 4172; Xxx; putative [Homo sapiens]	6e-058
5044	AF029982	Mus musculus sarco(endo)plasmic reticulum calcium ATPase (SERCA2) gene, promoter region, exons 1-3, and partial cds	0.003	3873550	(AL033534) serine-rich protein	0.018
5045	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5046	Y12781	Homo sapiens mRNA for transducin (beta) like 1 protein	1e-084	3021409	(Y12781) transducin (beta) like 1 protein [Homo sapiens]	2e-064

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5047	S63912	D10S102=FBRN P [human, fetal brain, mRNA, 3043 nt]	4e-084	<NONE>	<NONE>	<NONE>
5048	X91192	H.sapiens PLC beta 3 gene (exon 1) and SOM172 gene (exon 1)	1e-096	3294231	(AJ223970) mono-methyl transferase	3
5049	X03558	Human mRNA for elongation factor 1 alpha subunit	0	1169475	ELONGATION FACTOR 1-ALPHA 1	e-108
5050	L31783	Mus musculus uridine kinase mRNA, partial cds	3e-029	1718058	URIDINE KINASE (URIDINE MONOPHOSPHO KINASE) >gi 471981 (L31783) uridine kinase	4e-011
5051	X75652	A.longa plastid genes for tRNAs, ribosomal protein, rRNA and elongation factor	1.3	<NONE>	<NONE>	<NONE>
5052	Z93123	M.acuminata mRNA; clone pBAN UD75	1.1	<NONE>	<NONE>	<NONE>
5053	D16901	Human HepG2 3' region cDNA, clone hmd2h05	1.5	<NONE>	<NONE>	<NONE>
5054	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-011	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5.7

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5055	AF043252	Homo sapiens mitochondrial outer membrane protein (Tom40) gene, nuclear gene encoding mitochondrial protein, exons 7, 8 and 9	e-106	3941342	(AF043250) mitochondrial outer membrane protein [Homo sapiens] >gi 3941347 (AF043253) mitochondrial outer membrane protein [Homo sapiens] >gi 4105703 (AF050154) D19S1177E [Homo sapiens]	6e-007
5056	X66494	R.norvegicus CHOT1 mRNA	1e-012	1545807	(D78572) membrane glycoprotein [Mus musculus]	3e-007
5057	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5058	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-007	3513368	(AB017202) entactin-2 [Mus musculus]	3e-005
5059	U77107	Fundulus lineolatus cytochrome b (cytb) gene, mitochondrial gene encoding mitochondrial protein, partial cds	0.37	3947877	(AL034382) putative mitosis and maintenance of ploidy protein [Schizosaccharom yces pombe]	7e-026
5060	X52317	Human mRNA for histone H2A.Z	5e-014	<NONE>	<NONE>	<NONE>
5061	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	3e-008	<NONE>	<NONE>	<NONE>
5062	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1.2	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5063	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.0002	<NONE>	<NONE>	<NONE>
5064	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	1e-011	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	1.5
5065	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.0002	<NONE>	<NONE>	<NONE>
5066	X15943	Human calcitonin/alpha-CGRP gene	1e-012	1575563	(U66464) hematopoietic progenitor kinase [Homo sapiens]	5.6
5067	AF001175	Homo sapiens ribonuclease P protein subunit p14 (Rpp14) mRNA, complete cds	0	4100563	(AF001175) ribonuclease P protein subunit p14 [Homo sapiens]	2e-032
5068	L29260	Arabidopsis thaliana 1-amino-1-cyclopropanecarboxylate synthase (ACS5) gene, complete cds.	0.41	<NONE>	<NONE>	<NONE>
5069	X57268	Mouse DNA for t-haplotype-specific elements (located in H-2 complex, ETn related)	1.2	<NONE>	<NONE>	<NONE>
5070	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-010	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5.5
5071	Y11896	M.musculus mRNA for Brx gene, partial	3e-018	2196874	(Y11896) BRX protein [Mus musculus]	3e-011

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5072	Y00711	Human mRNA for lactate dehydrogenase B (LDH-B)	0	126041	L-LACTATE DEHYDROGENASE H CHAIN dehydrogenase B (AA 1 - 334) [Homo sapiens] >gi 1200083	e-102
5073	AF065482	Homo sapiens sorting nexin 2 (SNX2) mRNA, complete cds	0	3152938	(AF065482) sorting nexin 2 [Homo sapiens]	3e-072
5074	M86374	Rat tropoelastin gene, intron 25 (partial).	0.13	<NONE>	<NONE>	<NONE>
5075	D50418	Mouse mRNA for AREC3, partial cds	6e-047	2495271	SKELETAL MUSCLE-SPECIFIC ARE BINDING PROTEIN AREC3 (HOMEODOMAIN PROTEIN SIX4) M18) - mouse >gi 1255626 gnl PI D d1009550 (D50416) AREC3	2e-006
5076	D17448	Microcystis aeruginosa plasmid pMA2 DNA, complete genome sequence	0.13	<NONE>	<NONE>	<NONE>
5077	M29548	Human elongation factor 1-alpha (EF1A) mRNA, partial cds.	e-166	1169475	ELONGATION FACTOR 1-ALPHA 1	6e-010
5078	AF081496	Homo sapiens kinetochore protein BUB3 (BUB3) mRNA, complete cds	6e-044	2921873	(AF047472) spleen mitotic checkpoint BUB3 [Homo sapiens] protein BUB3 [Homo sapiens]	3e-006
5079	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	7e-007	<NONE>	<NONE>	<NONE>
5080	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5081	M14123	Human endogenous retrovirus HERV-K10.	2e-065	1196429	(M14123) pol/env ORF (bases 3878-8257) first start codon at 4172; Xxx; putative [Homo sapiens]	6e-037
5082	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5083	D30655	Homo sapiens mRNA for eukaryotic initiation factor 4AII, complete cds	0	673433	(X56953) protein synthesis initiation factor 4A [Mus musculus]	2e-092
5084	X16869	Human mRNA for elongation factor 1-alpha (clone CEF4)	5e-045	3122072	ELONGATION FACTOR 1-ALPHA 1 chicken >gi 488468 (L00677) elongation factor 1 alpha	1e-009
5085	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5086	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5087	U78310	Homo sapiens pescadillo mRNA, complete cds	e-122	2194203	(U78310) pescadillo [Homo sapiens]	9e-009
5088	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5089	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-005	<NONE>	<NONE>	<NONE>
5090	U09368	Human zinc finger protein ZNF140	0	1731416	ZINC FINGER PROTEIN 140 human >gi 487787 (U09368) zinc finger protein ZNF140	2e-062
5091	M98509	Human NFB genomic fragment.	1e-010	<NONE>	<NONE>	<NONE>
5092	AB002322	Human mRNA for KIAA0324 gene, partial cds	e-130	2996650	(AC004493) KIAA0324 [Homo sapiens]	9e-018
5093	AJ007670	Homo sapiens mRNA for LGMD2B protein	2e-014	403460	(L24521) transformation-related protein [Homo sapiens]	3.8

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5094	X16869	Human mRNA for elongation factor 1-alpha (clone CEF4)	0	181967	(M29548) elongation factor 1-alpha [Homo sapiens]	2e-036
5095	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	7e-007	<NONE>	<NONE>	<NONE>
5096	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.0005	<NONE>	<NONE>	<NONE>
5097	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-006	<NONE>	<NONE>	<NONE>
5098	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-006	<NONE>	<NONE>	<NONE>
5099	U45421	Borrelia burgdorferi 2.9-1 locus, ORF 5-8, ORF-A-D, REP+, REP-, and lipoprotein (LP) genes, complete cds	0.014	3510605	(AF044267) gyrase subunit B [Chlamydia trachomatis]	3.4
5100	L54057	Homo sapiens CLP mRNA, partial cds.	0	<NONE>	<NONE>	<NONE>
5101	D14660	Human mRNA for KIAA0104 gene, complete cds	0	1350786	PUTATIVE 60S RIBOSOMAL PROTEIN sapiens] >gi 3947438 (AC005034) ribosomal protein-like	e-111

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5102	X78627	H.sapiens mRNA for translin.	0	1082873	translin - human >gi 607130 (X78627) translin [Homo sapiens] >gi 1586346 prf 2203413A recombination hotspot-binding protein [Homo sapiens]	5e-068
5103	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.0001	<NONE>	<NONE>	<NONE>
5104	M12585	Mouse alpha-1 antitrypsin gene, segment 1.	2e-006	3873550	(AL033534) serine-rich protein	1.7
5105	X52967	Human mRNA for ribosomal protein L7	0	423072	ribosomal protein L7 - human	7e-061
5106	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	7e-007	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5107	X78722	M.musculus GLUT2 gene for glucose transporter	0.34	1685115	(U68754) putative transcription factor [Dictyostelium discoideum]	3.8
5108	AF002677	Dictyostelium discoideum DEAD-box RNA helicase	0.28	3293508	(AF069188) NADH dehydrogenase 1 [Ephedrus laeviscollis]	0.81
5109	AB018263	Homo sapiens mRNA for KIAA0720 protein, partial cds	0.87	107240	oncogene 1 (tre-2 locus) (clone 210) - human	0.19
5110	AF017115	Homo sapiens cytochrome c oxidase subunit IV precursor (COX4) gene, nuclear gene encoding mitochondrial protein, complete cds	0.77	<NONE>	<NONE>	<NONE>
5111	AE001383	Plasmodium falciparum chromosome 2, section 20 of 73 of the complete sequence	0.15	2315754	(AF016681) No definition line found [Caenorhabditis elegans]	9.6
5112	D49577	Pig mRNA for rearranged T-cell receptor delta-chain/Vdelta1.14-Deltas-Jdelta1, partial cds	0.91	<NONE>	<NONE>	<NONE>
5113	U63810	Homo sapiens WD40 protein Ciao 1 mRNA, complete cds	0.0	3219331	(AC004020) Unknown gene product [Homo sapiens]	3e-92
5114	AF085858	Homo sapiens full length insert cDNA clone YN49B07	e-172	3329465	(AF064553) NSD1 protein [Mus musculus]	8e-54
5115	X01682	Mouse gene for cytochrome P3-450	0.026	1381394	(U40989) tat interactive protein [Homo sapiens]	4.0

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5116	AE001432	Plasmodium falciparum chromosome 2, section 69 of 73 of the complete sequence	1.5	3873713	(Z74026) cDNA EST yk452h4.3 comes from this gene; cDNA EST yk452h4.5 comes from this gene	9e-11
5117	U31973	Human phosphodiesterase A' subunit (PDE6C) mRNA, complete cds. > :: gb G28549 G28549 human STS SHGC-31657.	2.3	136976	PROTEIN UL87 >gi 76594 pir S09851 hypothetical protein UL87 - human cytomegalovirus cytomegalovirus]	8.1
5118	X02212	Chicken alpha-cardiac actin gene	2.6	<NONE>	<NONE>	<NONE>
5119	AE000838	Methanobacterium thermoautotrophicum from bases 494834 to 505698 (section 44 of 148) of the complete genome	0.89	765086	(D30786) feline CD9 [Felis catus]	1.4
5120	U89744	Rattus norvegicus putative cell surface antigen mRNA, complete cds	0.68	728850	GLUCOAMYLASE S1/S2 PRECURSOR (GLUCAN 1,4-ALPHA-GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE) >gi 626156 pir S48478 glucan 1,4-alpha-glucosidase (EC 3.2.1.3) - yeast stal, len: 1367, CAI: 0.3, AMYH_YEAST P08640 GLUCOAMYLASE S1 (EC 3.2.1.3) [Saccharomyc	9e-06

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5121	J04974	Human alpha-2 type XI collagen mRNA (COL11A2).	1.2	114887	BREAKPOINT CLUSTER REGION PROTEIN protein, splice form 1 - human >gi 29421 (X02596) bcr gene product [Homo sapiens]	9.4
5122	AL021806	Homo sapiens DNA sequence from PAC 779B17 on chromosome 22q13.1. Contains exon trap, complete sequence	0.046	2827756	EPHRIN TYPE-A RECEPTOR 1 PRECURSOR	1.9
5123	X68826	P.sativum mRNA for fructose 1,6 biphosphatase	0.95	1314248	(U24681) NADH:cytochrome c reductase [synthetic construct]	2e-05
5124	M14431	Bacteriophage phi-29 gene-16 gene, complete cds.	0.035	<NONE>	<NONE>	<NONE>
5125	U17033	Human 180 kDa transmembrane PLA2 receptor mRNA, complete cds.	0.36	722372	(U23139) similar to beta transducin proteins containing TRP-ASP domains [Caenorhabditis elegans]	3e-08
5126	Z50202	P.vulgaris arc5-1 gene	0.007	1151256	(U43319) transmembrane receptor [Mus musculus]	0.13
5127	AF013711	Homo sapiens 22 kDa actin-binding protein	2e-10	<NONE>	<NONE>	<NONE>
5128	AF086324	Homo sapiens full length insert cDNA clone ZD53E07	5e-09	3318653	(U83192) post-synaptic density protein 95 [Homo sapiens]	0.001
5129	D90117	T. thermophila mRNA for citrate synthase (EC 4.1.3.7)	0.63	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5130	D45105	Metschnikowia reukaufii 26S rRNA, partial sequence	0.78	<NONE>	<NONE>	<NONE>
5131	D85088	Ectoplana limuli DNA for 18s ribosomal RNA	0.41	267408	PROBABLE DNA PACKAGING PROTEIN packaging protein [Human herpesvirus 4]	7.2
5132	X89886	P.patens mRNA for 5-aminolevulinate dehydratase	0.41	3875246	(Z81490) similar to WD domain, G-beta repeats (2 domains); cDNA EST EMBL:T00482 comes from this gene; cDNA EST EMBL:T00923 comes from this gene; cDNA EST yk449d4.3 comes from this gene; cDNA EST yk449d4.5 comes from this gen...	2e-22
5133	AB014564	Homo sapiens mRNA for KIAA0664 protein, partial cds	0.0	2981221	(AF053091) eyelid [Drosophila melanogaster]	0.076
5134	AE001403	Plasmodium falciparum chromosome 2, section 40 of 73 of the complete sequence	0.003	2495297	HYPOTHETICAL 26.3 KD HOMEBOX PROTEIN C02F12.5 IN CHROMOSOME X >gi 1109893 (U41545) strong similarity to homeobox proteins; similar to inhibitor domain of tissue factor pathway inhibitor	3.7

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5135	U92574	Fugu rubripes homeobox protein HOXB-1 (FrHOXB-1) gene, complete cds.	0.54	<NONE>	<NONE>	<NONE>
5136	U31118	Xenopus laevis cytoplasmic myosin II regulatory light chain mRNA, complete cds	0.26	3879530	(Z49130) cDNA EST yk486b9.3 comes from this gene; cDNA EST yk486b9.5 comes from this gene	8e-07
5137	L49035	Gorilla gorilla ABC-transporter (TAP2) mRNA, complete cds	0.21	4007066	(AJ131571) X protein [Hepatitis B virus]	1.3
5138	AF068628	Mus musculus DNA cytosine-5 methyltransferase 3B3 (Dnmt3b) mRNA, alternatively spliced, complete cds	4e-04	<NONE>	<NONE>	<NONE>
5139	M64982	Human fibrinogen alpha chain gene, complete mRNAs.	0.062	<NONE>	<NONE>	<NONE>
5140	M19262	Rat clathrin light chain (LCB3) mRNA, complete cds.	0.25	2088802	(AF003151) D1007.4 gene product [Caenorhabditis elegans]	0.012
5141	X94947	L.esculentum mRNA for homeobox protein	3.7	2315770	(AF016683) K09F6.1 gene product [Caenorhabditis elegans]	0.096
5142	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5143	M33782	Human TFEB protein mRNA, partial cds.	0.36	<NONE>	<NONE>	<NONE>
5144	AB011098	Homo sapiens mRNA for KIAA0526 protein, complete cds	2e-07	2501115	TBX2 PROTEIN (T-BOX PROTEIN 2)	0.90

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5145	AF039029	Homo sapiens snurportin1 mRNA, complete cds	0.0	3834390	(AF039029) snurportin1 [Homo sapiens]	e-108
5146	U22970	Human interferon-inducible peptide (6-16) gene, complete cds	0.21	<NONE>	<NONE>	<NONE>
5147	D63880	Human mRNA for KIAA0159 gene, complete cds	2e-64	<NONE>	<NONE>	<NONE>
5148	AB011174	Homo sapiens mRNA for KIAA0602 protein, partial cds	e-164	3043728	(AB011174) KIAA0602 protein [Homo sapiens]	2e-53
5149	AF053551	Homo sapiens metaxin 2 (MTX2) mRNA, nuclear gene encoding mitochondrial protein, complete cds	0.0	3283049	(AF053551) metaxin 2 [Homo sapiens]	1e-76
5150	Y13382	Arabidopsis thaliana ferrochelatase-I gene and promoter sequence	0.012	<NONE>	<NONE>	<NONE>
5151	AF044854	Colias eurytheme large subunit ribosomal RNA gene, partial sequence; tRNA-Val gene, complete sequence; and small subunit ribosomal RNA gene, partial sequence, mitochondrial genes for mitochondrial RNAs	1.3	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5152	AF005059	Toxoplasma gondii p97 mRNA, complete cds	0.90	2570049	(Y08701) Pinin [Mus musculus]	1.3
5153	D84307	Human mRNA for phosphoethanolamine cytidyltransferase, complete cds	0.013	<NONE>	<NONE>	<NONE>
5154	D38050	Aspen prxA3a gene for peroxidase, complete cds	0.018	1723942	HYPOTHETICAL 20.8 KD PROTEIN IN COX4-GTS1 INTERGENIC REGION >gi 2131614 pir S61134 hypothetical protein YGL183c - yeast (Saccharomyces cerevisiae) >gi 1143564 gnl PI D e199057 (X91489) putative HMG box [Saccharomyces cerevisiae]	0.39
5155	AL010208	Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-103, complete sequence	0.13	1850115	(Z86089) fadD2 [Mycobacterium tuberculosis]	1.5
5156	U07807	Human metallothionein IV (MTIV) gene, complete cds.	0.004	<NONE>	<NONE>	<NONE>
5157	AF048991	Homo sapiens MutS homolog 5 (MSH5) gene, exons 13 through 25 and complete cds	0.001	3986756	(AF109905) NG23 [Mus musculus]	0.007

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5158	U39079	Schizosaccharomyces pombe ARS binding protein 1	0.50	<NONE>	<NONE>	<NONE>
5159	X01706	Mouse intracisternal A-particle (IAP) gene 62 long terminal repeat (LTR)	0.41	2224713	(AB002384) KIAA0386 [Homo sapiens]	8e-04
5160	AF030558	Rattus norvegicus phosphatidylinositol 5-phosphate 4-kinase gamma mRNA, complete cds	8e-13	<NONE>	<NONE>	<NONE>
5161	L06453	Strongylocentrotus purpuratus (clone C) high mobility group 1 protein (HMG1 homologue) gene, complete cds.	0.33	3914031	BETA-GALACTOSIDE SPECIFIC LECTIN I A CHAIN (MLA) (ML-I A) (RRNA N-GLYCOSIDASE)	0.087
5162	Z68320	Caenorhabditis elegans cosmid W07A12, complete sequence [Caenorhabditis elegans]	0.28	2500558	PUTATIVE RIBONUCLEASE III (RNASE III) >gi 3876420 gnl PI D e1346063 (Z81070) similar to ribonuclease [Caenorhabditis elegans]	2e-25
5163	U40397	Mus musculus serum amyloid A-4 protein (Saa4) gene, complete cds	5e-04	<NONE>	<NONE>	<NONE>
5164	X00367	Chlamydomonas chloroplast DNA region with ARS element 03 (ARS = autonomously replicating sequence)	0.046	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5165	U43838	Glycine max choline kinase GmCK1p mRNA, complete cds	1.2	132918	50S RIBOSOMAL PROTEIN L35, CHLOROPLAST PRECURSOR (CL35) >gi 81486 pir A36107 ribosomal protein L35 precursor, chloroplast - spinach oleracea]	2.4
5166	U67590	Methanococcus jannaschii section 132 of 150 of the complete genome	0.097	<NONE>	<NONE>	<NONE>
5167	AB006787	Mus musculus mRNA for apoptosis signal-regulating kinase 1, complete cds	0.39	1263187	(U24215) HOMODA hydrolase [Pseudomonas putida] putida]	0.83
5168	U43567	Trypanosoma cruzi kinetoplast maxicircle DNA, clone TRCKPMAX	0.054	<NONE>	<NONE>	<NONE>
5169	U04706	Bos taurus 50 kDa protein (adp50) mRNA, complete cds.	0.0	2498104	ADRENAL MEDULLA 50 KD PROTEIN	8e-83
5170	L14684	Rattus norvegicus nuclear-encoded mitochondrial elongation factor G mRNA, complete cds.	e-137	585084	ELONGATION FACTOR G, MITOCHONDRIAL PRECURSOR (MEF-G) >gi 543383 pir S40780 translation elongation factor G, mitochondrial - rat >gi 310102	3e-59
5171	U01120	Human glucose-6-phosphatase mRNA, complete cds. >	2e-04	544361	GLUCOSE-6-PHOSPHATASE (G6PASE) 3.1.3.9) - human >gi 452444 (U01120) glucose-6-phosphatase [Homo sapiens]	4e-12

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5172	D87671	Rat mRNA for TIP120, complete cds	e-144	1799570	(D87671) TIP120 [Rattus norvegicus]	3e-69
5173	U22296	Rattus norvegicus casein kinase I gamma 1 isoform mRNA, complete cds	e-120	3024053	CASEIN KINASE I, GAMMA 1 ISOFORM kinase 1 gamma 1 isoform [Rattus norvegicus]	8e-54
5174	Y07648	A.thaliana nit2 gene, nit1 gene and nit3 gene	0.007	2429486	(AF025464) No definition line found [Caenorhabditis elegans]	9.5
5175	AB013721	Oryctolagus cuniculus mRNA for mitsugumin 23, complete cds	3e-91	3628745	(AB013721) mitsugumin 23 [Oryctolagus cuniculus]	0.006
5176	M74069	Saccharomyces cerevisiae endochitinase (CTS1-1) gene, complete cds.	2.5	<NONE>	<NONE>	<NONE>
5177	Z61469	H.sapiens CpG DNA, clone 52h1, forward read cpg52h1.ft1a	1e-77	1184072	(U40766) COL-1 [Meloidogyne incognita]	0.002
5178	AF015043	Homo sapiens EH-binding protein mRNA, partial cds	0.0	2492914	APOLIPOPROTEIN C-IV PRECURSOR cluster E-C1-C2 linked gene [Mus musculus]	3.0
5179	X74560	H.sapiens (clone pS2) sequence	3e-04	3687469	(AL031798) putative diphthine synthase	3e-23
5180	X94768	H.sapiens RP3 gene (XLRP gene 3)	1e-05	<NONE>	<NONE>	<NONE>
5181	X80937	M.musculus mRNA for RIP1 protein	0.48	107750	synapsin Ib - human	3e-04
5182	M12759	Human Ig J chain gene, exons 3 and 4.	0.036	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5183	M30773	Human calcineurin B mRNA, complete cds	0.002	3878494	(Z79602) predicted using Genefinder; Similarity to Yeast hypothetical protein YAE2 gene; cDNA EST EMBL:M88949 comes from this gene	3e-06
5184	U08831	Human immunodeficiency virus type 1, sample 019 from Thailand (E2TH019W.01d1sCD), envelope glycoprotein c2v3 region (env) gene, partial cds.	0.015	<NONE>	<NONE>	<NONE>
5185	Z98303	Human DNA sequence from BAC 140H19 on chromosome Xq24-25. Contains STS	0.005	<NONE>	<NONE>	<NONE>
5186	AE000952	Archaeoglobus fulgidus section 155 of 172 of the complete genome	2e-07	3257245	(AP000003) 571aa long hypothetical oxaloacetate decarboxylase alpha chain [Pyrococcus horikoshii]	5e-08
5187	L48476	Homo sapiens (subclone 3_e10 from P1 H21) DNA sequence.	2e-04	3877439	(Z72510) similarity to yeast UTR3 protein (Swiss Prot accession number P21374); cDNA EST EMBL:D72822 comes from this gene; cDNA EST EMBL:D75763 comes from this gene; cDNA EST yk274e3.3 comes from this gene; cDNA EST	0.19

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
					yk274e3....	
5188	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	3e-09	<NONE>	<NONE>	<NONE>
5189	AF055022	Homo sapiens clone 24684 mRNA sequence	e-102	2708743	(AC003952) putative Tal-1-like reverse transcriptase	4.0
5190	AJ009761	Homo sapiens mRNA for putative dimethyladenosine transferase, partial	e-121	4050050	(AF102147) putative dimethyladenosine transferase [Homo sapiens]	8e-48
5191	Y08238	H.pylori clpB gene	0.27	1572756	(U70848) C43G2.1 gene product [Caenorhabditis elegans]	1e-21
5192	<NONE>	<NONE>	<NONE>	2828280	(AL021687) putative protein [Arabidopsis thaliana] >gi 2832633 gnl PI D e1249651 (AL021711) putative protein [Arabidopsis thaliana]	9e-36
5193	J00747	Rat insulin-I (ins-1) gene.	6e-05	4154522	(AE001441) putative [Helicobacter pylori]	3.2
5194	U64454	Human 3' of immunoglobulin heavy chain locus	0.83	281204	gene LF3 protein - human herpesvirus 4 virus]	0.069

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5195	AB002383	Human mRNA for KIAA0385 gene, complete cds	8e-13	2498318	DXS6673E PROTEIN retardation candidate gene [Homo sapiens]	2e-24
5196	M81840	Human NRL gene product mRNA, complete cds.	0.029	3875740	(Z81497) similar to mannosyl-oligosaccharide alpha-1, 2-mannosidase; cDNA EST EMBL:D67155 comes from this gene; cDNA EST EMBL:D64219 comes from this gene; cDNA EST yk260e12.3 comes from this gene; cDNA EST yk260e12.5 comes f...	6e-18
5197	U12523	Rattus norvegicus ultraviolet B radiation-activated UV98 mRNA, partial sequence.	1e-10	3219914	HYPOTHETICAL 16.8 KD PROTEIN C30D10.04 IN CHROMOSOME II >gi 2276353 gnl PI D e330328 pombe]	2e-11
5198	AB017026	Mus musculus mRNA for oxysterol-binding protein, complete cds	0.0	3551523	(AB017026) oxysterol-binding protein	e-120
5199	U83981	Homo sapiens apoptosis associated protein (GADD34) mRNA, complete cds	e-119	3258618	(U83981) apoptosis associated protein [Homo sapiens]	7e-26

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5200	U37580	Streptomyces coelicolor phosphotyrosine protein phosphatase (ptpA) gene, putative cystathionine gamma-lyase (cysA) gene, and LysR-like protein gene, complete cds	0.048	2459916	(AF005859) anon2D7 [Drosophila melanogaster]	0.18
5201	D00723	Human mRNA for hydrogen carrier protein, a component of an enzyme complex, glycine synthase (EC 2.1.2.10)	3e-19	<NONE>	<NONE>	<NONE>
5202	X89366	A.thaliana DNA for 40 kDa protein gene	0.025	1209669	(U38810) CAGR1 [Homo sapiens] >gi 3098420 (AF040945) homeotic regulator homolog MAB21 [Mus musculus]	0.008
5203	AF067158	HIV-1 isolate 301905 from India, complete genome	2.4	<NONE>	<NONE>	<NONE>
5204	U09954	Human ribosomal protein L9 gene, 5' region and complete cds.	5e-37	<NONE>	<NONE>	<NONE>
5205	AF029984	Lycopersicon esculentum COP1 homolog (COP1) mRNA, complete cds	7e-37	4090943	(AF029984) COP1 homolog [Lycopersicon esculentum]	2e-49
5206	U43076	Mus musculus cdc37 homolog mRNA, complete cds	2e-17	2655422	(AF035530) CDC37 [Gallus gallus]	2e-22

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5207	U07745	Lycopersicon esculentum biotin-containing subunit of methylcrotonyl-CoA carboxylase mRNA, partial cds.	4e-32	533707	(U12536) 3-methylcrotonyl-CoA carboxylase precursor	4e-49
5208	X74465	Human papillomavirus type 10 genomic DNA	1.3	3879121	(Z70310) predicted using Genefinder; Similarity to Mouse ankyrin (PIR Acc. No. S37771); cDNA EST EMBL:T01923 comes from this gene; cDNA EST EMBL:D32335 comes from this gene; cDNA EST EMBL:D32723 comes from this gene; cDNA ES... Genefinder; Similarity to M	2e-56
5209	X99261	A.evecta gene encoding blue-light photoreceptor, intron	0.14	2257939	(AF005665) properdin [Homo sapiens]	7.6
5210	M35296	Human tyrosine kinase arg gene mRNA.	1.1	1125781	(U42841) short region of weak similarity to chicken limb deformity protein (PIR:S24286) [Caenorhabditis elegans]	0.61
5211	Z57610	H.sapiens CpG DNA, clone 187a10, reverse read cpg187a10.rtl a.	e-102	404764	(L10409) fork head related protein [Mus musculus]	1e-16

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5212	X85753	Homo sapiens mRNA for CDK8 protein kinase > :: emb A61243 A61243 Sequence 1 from Patent WO9709432	6e-59	1171821	NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 5 >gi 559499 gnl PI D e1192548 (X54253) ND5 protein	9.5
5213	U27341	Bos taurus endothelin converting enzyme-2 Sequence 1 from patent US 5736376	7e-61	2136744	endothelin converting enzyme-2 - bovine	3e-29
5214	U63648	Mus musculus p160 myb-binding protein (P160) mRNA, complete cds	4e-58	2645205	(U63648) p160 myb-binding protein [Mus musculus]	2e-34
5215	AF035940	Homo sapiens MAGOH mRNA, complete cds	e-140	2306969	(AF007860) xl-Mago [Xenopus laevis]	3e-76
5216	X80045	O.aries mRNA for acetyl-CoA carboxylase	2e-54	542750	acetyl-CoA carboxylase (EC 6.4.1.2) - human sapiens >gi 740964 prf 2006242A Ac-CoA carboxylase	8e-10
5217	Z46372	R.norvegicus RNA for DNA topoisomerase II.	e-134	3876360	(Z68315) Similarity to Human MAP kinase phosphatase-1 (SW:PTN7_HUMAN) [Caenorhabditis elegans]	3e-12
5218	AF035940	Homo sapiens MAGOH mRNA, complete cds	e-143	2330011	(AF007862) mm-Mago [Mus musculus] >gi 2909828 (AF035939) similar to mago nashi [Mus musculus] >gi 2909830	7e-81

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5219	Z72521	Human DNA sequence from cosmid N29F4 on chromosome 22q11.2-qter contains STS	6e-04	<NONE>	<NONE>	<NONE>
5220	S74340	{clone E572, estrogen induced gene} [rats, Sprague-Dawley, hypothalamus, mRNA Partial, 130 nt]	4e-29	<NONE>	<NONE>	<NONE>
5221	AL008711	Human DNA sequence from PAC 390N22 on chromosome Xp22.2	0.33	1184707	(U40868) folypolyglutamate synthetase [Homo sapiens]	7.9
5222	AE000012	Mycoplasma pneumoniae section 12 of 63 of the complete genome	0.15	<NONE>	<NONE>	<NONE>
5223	D78333	Human mRNA for testis-specific TCP20, complete cds	e-113	2501141	T-COMPLEX PROTEIN 1, ZETA-LIKE SUBUNIT (TCP-1-ZETA-LIKE) (CCT-ZETA-LIKE) TCP20 [Homo sapiens]	2e-42
5224	AF042333	Oryza sativa 24-methylene lophenol C24(1)methyltransferase mRNA, complete cds	0.003	3883124	(AF082300) arabinogalactan-protein [Arabidopsis thaliana]	0.006
5225	U15426	Human anonymous mRNA sequence with CCA repeat region.	4e-06	1123105	(U42438) similar to S. cerevisiae longevity-assurance protein 1 (SP:P38703) [Caenorhabditis elegans]	0.34

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5226	AF052497	Homo sapiens clone B18 unknown mRNA	0.003	1144514	(U34781) Antho-LWamidII preprohormone [Anthopleura elegantissima] >gi 1586846 prf 2204411A preprohormone	4.3
5227	D86590	Zinnia elegans mRNA for cinnamyl alcohol dehydrogenase, partial cds	0.13	<NONE>	<NONE>	<NONE>
5228	AF081144	Rattus norvegicus CL1AA mRNA, complete cds	5e-14	1718004	TEGUMENT PROTEIN UL49 HOMOLOG herpesvirus 1] >gi 995634 (Z54206) UL49 [Bovine herpesvirus 1] >gi 2653299 gnl PI D e1187295 (AJ004801) virion protein (tegument) [Bovine herpesvirus type 1.1]	1.4
5229	M63016	Human X chromosome enhancer-like sequence.	6e-04	<NONE>	<NONE>	<NONE>
5230	L24755	Mus musculus bone morphogenetic protein (Bmp-1) mRNA, complete cds.	1.2	<NONE>	<NONE>	<NONE>
5231	<NONE>	<NONE>	<NONE>	2828280	(AL021687) putative protein [Arabidopsis thaliana] >gi 2832633 gnl PI D e1249651 (AL021711) putative protein [Arabidopsis thaliana]	9e-36

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5232	U27341	Bos taurus endothelin converting enzyme-2 Sequence 1 from patent US 5736376	1e-22	2136744	endothelin converting enzyme-2 - bovine	2e-09
5233	M81840	Human NRL gene product mRNA, complete cds.	0.030	3875740	(Z81497) similar to mannosyl-oligosaccharide alpha-1, 2-mannosidase; cDNA EST EMBL:D67155 comes from this gene; cDNA EST EMBL:D64219 comes from this gene; cDNA EST yk260e12.3 comes from this gene; cDNA EST yk260e12.5 comes f...	6e-18
5234	AJ000097	Homo sapiens mRNA for EYA1B gene	2.7	3395586	(AL031179) similarity to phosphomannomutases [Schizosaccharomyces pombe]	6e-38
5235	U30788	Rattus norvegicus Tclone4 mRNA	1e-68	3523162	(AF076292) TGF-beta/activin signal transducer FAST-1p	1.4
5236	U88964	Human HEM45 mRNA, complete cds	0.0	2062680	(U88964) HEM45 [Homo sapiens]	7e-77
5237	AF061016	Homo sapiens UDP-glucose dehydrogenase (UGDH) mRNA, complete cds	0.0	3127127	(AF061016) UDP-glucose dehydrogenase [Homo sapiens] dehydrogenase [Homo sapiens]	5e-90
5238	D43921	Mouse AZ1 mRNA for pre-acrosome localization protein, complete cds	3e-15	2137118	acrosomal protein AZ1 - mouse localization protein [Mus musculus]	0.007

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5239	AF056022	Homo sapiens p60 katanin mRNA, complete cds	0.0	3283072	(AF056022) p60 katanin [Homo sapiens]	2e-60
5240	U77949	Human Cdc6-related protein (HsCDC6) mRNA, complete cds	1e-83	<NONE>	<NONE>	<NONE>
5241	AJ005016	Homo sapiens mRNA for putative ABC transporter, partial	0.0	3005931	(AJ005016) ABC transporter [Homo sapiens]	3e-70
5242	X56756	Sheep mRNA for tumor necrosis factor alpha	4.5	<NONE>	<NONE>	<NONE>
5243	AF020833	Homo sapiens eukaryotic translation initiation factor 3 subunit (p42) mRNA, complete cds	0.0	2460200	(AF020833) eukaryotic translation initiation factor 3 subunit [Homo sapiens]	e-158
5244	X69878	H.sapiens Flt4 mRNA for transmembrane tyrosine kinase	4e-43	<NONE>	<NONE>	<NONE>
5245	M27826	Human endogenous retroviral protease mRNA, complete cds.	1e-66	<NONE>	<NONE>	<NONE>
5246	U20285	Human Gps1 (GPS1) mRNA, complete cds	2e-54	644879	(U20285) Gps1 [Homo sapiens]	8e-20
5247	AF049528	Homo sapiens huntingtin-interacting protein HYPA/FBP11 (HYPA) mRNA, partial cds	5e-75	3341990	(AF049528) huntingtin-interacting protein HYPA/FBP11	2e-20

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5248	U87277	Human splicing factor SRp30c gene, exon 1	0.14	267449	HYPOTHETICAL 12.5 KD PROTEIN ZK637.2 IN CHROMOSOME III >gi 102507 pir S15787 hypothetical protein 1 (cosmid ZK637) - Caenorhabditis elegans Genefinder; cDNA EST yk217b5.3 comes from this gene; cDNA EST yk217b5.5 comes from this gene; cDNA EST yk340g12.3	1e-08
5249	D16919	Human HepG2 3' region cDNA, clone hmd3e06	e-164	3152559	(AC002986) Similarity to A. thaliana gene product F21M12.20, gb AC000132. EST gb Z25651 comes from this gene. [Arabidopsis thaliana]	2e-52
5250	AJ006064	Rattus norvegicus mRNA for coronin-like protein	e-142	3757680	(AJ006064) coronin-like protein [Rattus norvegicus]	5e-73
5251	AB011000	Mus musculus mRNA for choline/ethanolamine kinase, complete cds	1e-18	2780752	(AB006607) choline/ethanolamine kinase	0.001

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5252	X80169	M.musculus mRNA for 200 kD protein	0.0	1717793	PROTEIN TSG24 (MEIOTIC CHECK POINT REGULATOR) >gi 1083553 pir A 55117 tsg24 protein - mouse	e-150

Table 3 Polynucleotides encoding gene products of a protein family or having a known functional domain(s).

SEQ ID NO:	Validation Sequence	Biological Activity (Profile)	Start	Stop	Score	Direction
3920	393.E10.sp6:148957	7tm_1	531	710	9520	for
2667	172.F10.sp6:133946	7tm_2	45	724	8708	rev
2758	177.C6.sp6:134733	7tm_2	41	697	9828	rev
2933	184.C7.sp6:135556	7tm_2	3	834	8987	for
3129	121.E12.sp6:131940	7tm_2	245	1324	9550	rev
3365	172.A7.sp6:133883	7tm_2	94	761	8743	rev
3418	123.F9.sp6:132333	7tm_2	203	585	8785	rev
3419	123.F9.sp6:132333	7tm_2	203	585	8785	rev
3597	394.G2.sp6:149165	7tm_2	73	793	9209	for
3648	370.C5.sp6:141726	7tm_2	76	770	9269	for
3686	370.B1.sp6:141710	7tm_2	89	662	8791	for
3695	368.A12.sp6:141322	7tm_2	121	719	9015	rev
3696	368.A12.sp6:141322	7tm_2	121	719	9015	rev
4172	219.C10.sp6:139007	7tm_2	46	774	11394	rev
4216	368.D11.sp6:141357	7tm_2	66	775	9384	rev
4228	368.A11.sp6:141321	7tm_2	7	1079	9097	for
4441	99.F7.sp6:131296	7tm_2	534	1265	10956	rev
4442	99.F7.sp6:131296	7tm_2	534	1265	10956	rev
4482	100.D2.sp6:131459	7tm_2	122	1404	9296	rev
4495	395.B12.sp6:149307	7tm_2	79	1432	10427	rev
4525	90.B4.sp6:130874	7tm_2	4	691	9435	for
4616	100.D5.sp6:131462	7tm_2	655	1349	9255	for
4653	100.D7.sp6:131464	7tm_2	357	1346	11461	rev
4654	100.D7.sp6:131464	7tm_2	357	1346	11461	rev
4658	100.H6.sp6:131511	7tm_2	119	1035	10001	rev
4659	100.G6.sp6:131499	7tm_2	363	1188	9901	rev
4660	100.F6.sp6:131487	7tm_2	50	1127	8799	for
4661	100.F6.sp6:131487	7tm_2	50	1127	8799	for
4710	367.H9.sp6:141210	7tm_2	143	1266	11883	rev
4755	370.F4.sp6:141761	7tm_2	78	704	8942	for
4856	367.H11.sp6:141212	7tm_2	176	1227	9975	rev
4885	123.E10.sp6:132322	7tm_2	210	691	9071	rev
4900	123.E10.sp6:132322	7tm_2	210	691	9071	rev
4901	123.E10.sp6:132322	7tm_2	210	691	9071	rev
2656	176.H11.sp6:134606	ANK	207	290	4450	for
2555	180.C9.sp6:135947	asp	156	670	6710	for
3632	368.H11.sp6:141405	asp	136	1226	6880	rev
4205	368.B5.sp6:141327	asp	309	806	6073	for
4251	369.D6.sp6:141546	asp	434	1332	6263	rev
4253	396.F9.sp6:149544	asp	97	1106	5999	rev
4261	216.G10.sp6:139247	asp	74	703	6188	rev
4365	122.H12.sp6:132168	asp	152	1040	6183	rev
4498	80.H6.sp6:130297	asp	61	418	5944	rev
4664	172.E5.sp6:133929	asp	219	976	6434	for
4718	185.D9.sp6:135762	asp	31	872	5944	rev
4733	185.D9.sp6:135762	asp	31	872	5944	rev
4746	176.B10.sp6:134533	asp	253	1446	6079	rev

SEQ ID NO:	Validation Sequence	Biological Activity (Profile)	Start	Stop	Score	Direction
4822	177.F3.sp6:134766	asp	0	894	6336	rev
4854	184.F11.sp6:135596	asp	61	737	6416	rev
4856	367.H11.sp6:141212	asp	81	1187	6182	rev
4929	180.E6.sp6:135968	asp	81	706	6150	for
4931	180.E6.sp6:135968	asp	81	706	6150	for
2723	180.F2.sp6:135976	ATPases	135	627	11664	for
2842	217.H11.sp6:139452	ATPases	2	701	5972	for
3019	216.B1.sp6:139178	ATPases	170	616	6150	for
3046	121.B8.sp6:131900	ATPases	13	635	5867	rev
3190	80.D2.sp6:130245	ATPases	13	386	6068	for
3290	176.C6.sp6:134541	ATPases	85	579	5883	for
3670	369.C10.sp6:141538	ATPases	329	730	6206	for
3998	394.H8.sp6:149183	ATPases	21	571	5954	rev
4119	218.F11.sp6:138852	ATPases	313	816	6057	for
4159	219.A7.sp6:138980	ATPases	88	662	6145	for
4223	368.F9.sp6:141379	ATPases	178	648	5937	for
4384	181.G11.sp6:135354	ATPases	362	769	5900	rev
4473	369.B4.sp6:141520	ATPases	4	412	14130	for
4540	218.C8.sp6:138813	ATPases	12	576	5782	rev
4560	404.G6.sp6:162933	ATPases	86	605	6001	rev
4689	367.H8.sp6:141209	ATPases	17	476	5905	rev
4785	184.E5.sp6:135578	ATPases	184	632	5943	for
4792	184.C6.sp6:135555	ATPases	333	813	5773	for
4847	184.B11.sp6:135548	ATPases	14	498	6140	for
5041	377.C1.sp6:141918	ATPases	4	655	5933	for
3404	176.F10.sp6:134581	Bcl-2	69	356	16419	for
4036	367.F5.sp6:141182	bromodomain	40	210	8810	for
4489	369.D3.sp6:141543	bromodomain	63	230	10270	for
3408	172.E1.sp6:133925	BZIP	146	298	4066	for
3951	393.G5.sp6:148976	BZIP	116	304	5931	for
4850	172.E9.sp6:133933	BZIP	91	260	4366	for
3618	370.B12.sp6:141721	cyclin	118	324	8980	for
3895	395.G6.sp6:149361	cyclin	11	281	6930	for
4536	395.G8.sp6:149363	cyclin	12	279	5950	for
4455	99.F5.sp6:131294	Cys-protease	72	348	18479	for
4684	180.D1.sp6:135951	Cys-protease	38	992	10103	rev
4688	180.D1.sp6:135951	Cys-protease	38	992	10103	rev
4801	177.E4.sp6:134755	Cys-protease	48	326	19999	for
4659	100.G6.sp6:131499	DAG_PE_bind	605	702	6290	rev
4821	377.C8.sp6:141925	Dead_box_helic	172	828	7867	rev
5083	216.A1.sp6:139166	Dead_box_helic	44	589	26532	for
2734	177.G4.sp6:134779	EFhand	79	153	3780	for
2893	185.A1.sp6:135718	EFhand	287	358	2580	rev
3775	377.A5.sp6:141898	EFhand	477	563	3010	for
4056	367.B7.sp6:141136	EFhand	225	272	2500	rev
4152	218.B10.sp6:138803	EFhand	40	114	2640	rev
4153	218.B10.sp6:138803	EFhand	40	114	2640	rev
4154	218.C10.sp6:138815	EFhand	39	113	2640	rev
4905	393.H12.sp6:148995	EFhand	145	231	4640	for
4943	219.A9.sp6:138982	EFhand	685	750	2550	rev

SEQ ID NO:	Validation Sequence	Biological Activity (Profile)	Start	Stop	Score	Direction
2849	218.B5.sp6:138798	Ets_Nterm	340	531	10400	for
2728	180.A2.sp6:135916	FNtypeII	291	423	6400	rev
3018	216.C1.sp6:139190	FNtypeII	501	634	6460	for
4496	218.G1.sp6:138854	FNtypeII	20	141	6180	rev
4914	393.H8.sp6:148991	FNtypeII	448	576	6110	for
2504	181.C3.sp6:135298	G-alpha	66	715	8084	rev
3290	176.C6.sp6:134541	G-alpha	62	690	9062	for
4288	121.B4.sp6:131896	G-alpha	46	447	21415	for
4444	217.D12.sp6:139405	G-alpha	15	702	40404	for
4562	404.B7.sp6:162874	G-alpha	120	682	8424	for
2503	180.A11.sp6:135925	helicase_C	165	479	4494	for
4469	369.C4.sp6:141532	helicase_C	559	756	3732	rev
5020	185.D12.sp6:135765	helicase_C	381	534	5000	for
4241	396.H8.sp6:149567	homeobox	80	230	5170	for
2550	180.E5.sp6:135967	mkk	342	612	5791	for
3407	172.F1.sp6:133937	mkk	94	669	5688	rev
3451	123.A2.sp6:132266	mkk	26	378	7889	for
3600	394.B3.sp6:149106	mkk	32	782	9544	for
3646	370.H4.sp6:141785	mkk	18	307	9394	for
3680	369.G11.sp6:141587	mkk	182	725	5375	for
4175	219.H10.sp6:139067	mkk	280	723	15454	for
4205	368.B5.sp6:141327	mkk	249	725	5502	for
4278	181.C9.sp6:135304	mkk	168	880	5551	rev
4322	121.F6.sp6:131946	mkk	111	730	5399	for
4777	177.E2.sp6:134753	mkk	288	636	5720	rev
4482	100.D2.sp6:131459	PDEase	849	1195	5945	for
2578	181.H11.sp6:135366	protkinase	116	710	5531	for
2712	177.G7.sp6:134782	protkinase	6	511	5445	for
2835	218.C1.sp6:138806	protkinase	127	747	5492	for
2843	218.E1.sp6:138830	protkinase	64	726	5592	rev
2971	217.F4.sp6:139421	protkinase	83	702	5818	rev
3009	217.A4.sp6:139361	protkinase	57	682	5395	rev
3084	121.E2.sp6:131930	protkinase	69	658	5593	rev
3226	100.D8.sp6:131465	protkinase	174	620	5453	for
3274	100.C3.sp6:131448	protkinase	228	736	5616	for
3356	172.B5.sp6:133893	protkinase	148	715	5381	for
3377	172.B6.sp6:133894	protkinase	119	775	5616	for
3451	123.A2.sp6:132266	protkinase	24	384	9797	for
3600	394.B3.sp6:149106	protkinase	357	780	11395	for
3635	377.G11.sp6:141976	protkinase	117	739	5992	for
3646	370.H4.sp6:141785	protkinase	24	275	8338	for
3665	370.F2.sp6:141759	protkinase	33	800	5658	for
3669	369.B10.sp6:141526	protkinase	1	482	5504	rev
3700	369.D2.sp6:141542	protkinase	28	661	5428	for
3710	369.G6.sp6:141582	protkinase	71	631	5751	for
3791	396.C11.sp6:149510	protkinase	27	709	5793	rev
3905	393.H7.sp6:148990	protkinase	88	680	5470	rev
3919	393.D10.sp6:148945	protkinase	72	594	5617	for
4044	367.G4.sp6:141193	protkinase	30	699	5439	for
4072	368.B2.sp6:141324	protkinase	44	800	5556	for

SEQ ID NO:	Validation Sequence	Biological Activity (Profile)	Start	Stop	Score	Direction
4117	218.D11.sp6:138828	protkinase	38	781	6423	for
4175	219.H10.sp6:139067	protkinase	277	717	15720	for
4373	216.E5.sp6:139218	protkinase	115	710	5537	for
4569	100.C10.sp6:131455	protkinase	56	783	5556	rev
4755	370.F4.sp6:141761	protkinase	39	803	5635	for
4760	370.F3.sp6:141760	protkinase	188	775	5771	for
4807	184.H3.sp6:135612	protkinase	23	699	5515	for
5059	180.B5.sp6:135931	protkinase	182	671	5718	rev
5102	393.F4.sp6:148963	protkinase	28	650	5345	for
3671	369.D10.sp6:141550	ras	12	332	9802	for
3936	393.A3.sp6:148902	Thioredox	0	263	5887	rev
3927	393.F11.sp6:148970	TNFR_c6	151	261	6445	for
2956	184.E10.sp6:135583	transmembrane4	19	483	8339	rev
2981	217.E6.sp6:139411	transmembrane4	83	728	8417	for
3836	396.C9.sp6:149508	transmembrane4	300	924	9444	rev
4038	367.A6.sp6:141123	transmembrane4	32	495	8407	rev
4364	123.A1.sp6:132265	transmembrane4	1289	1548	8114	rev
4406	122.C1.sp6:132097	transmembrane4	6	535	8122	for
4431	122.E4.sp6:132124	transmembrane4	10	530	8829	for
4441	99.F7.sp6:131296	transmembrane4	613	1253	9443	rev
4442	99.F7.sp6:131296	transmembrane4	613	1253	9443	rev
4653	100.D7.sp6:131464	transmembrane4	335	1207	8255	rev
4654	100.D7.sp6:131464	transmembrane4	335	1207	8255	rev
4710	367.H9.sp6:141210	transmembrane4	398	1130	8352	rev
4944	180.H7.sp6:136005	transmembrane4	356	983	8356	rev
3381	176.D9.sp6:134556	trypsin	164	764	9670	rev
4684	180.D1.sp6:135951	trypsin	371	1229	10479	rev
4688	180.D1.sp6:135951	trypsin	371	1229	10479	rev
2754	177.H6.sp6:134793	WD_domain	345	437	6510	for
3046	121.B8.sp6:131900	WD_domain	98	193	6400	for
3227	100.B10.sp6:131443	WD_domain	544	642	6590	for
4243	121.A8.sp6:131888	WD_domain	93	188	6400	for
5046	185.F10.sp6:135787	WD_domain	382	480	5880	for
3129	121.E12.sp6:131940	Wnt_dev_sign	101	821	12160	rev
3173	99.G6.sp6:131307	Wnt_dev_sign	49	880	12334	rev
3390	176.C9.sp6:134544	Wnt_dev_sign	249	854	11038	rev
3391	176.C9.sp6:134544	Wnt_dev_sign	249	854	11038	rev
3656	370.G6.sp6:141775	Wnt_dev_sign	211	785	11490	rev
3836	396.C9.sp6:149508	Wnt_dev_sign	282	1017	12318	rev
4253	396.F9.sp6:149544	Wnt_dev_sign	482	1298	11217	rev
4330	122.A2.sp6:132074	Wnt_dev_sign	94	933	12383	rev
4359	123.B2.sp6:132278	Wnt_dev_sign	538	1435	11785	for
4364	123.A1.sp6:132265	Wnt_dev_sign	760	1544	12660	rev
4375	122.G10.sp6:132154	Wnt_dev_sign	29	884	11603	rev
4385	122.A2.sp6:132074	Wnt_dev_sign	94	933	12383	rev
4409	121.F12.sp6:131952	Wnt_dev_sign	9	734	11167	rev
4441	99.F7.sp6:131296	Wnt_dev_sign	560	1399	13749	rev
4442	99.F7.sp6:131296	Wnt_dev_sign	560	1399	13749	rev
4535	395.F10.sp6:149353	Wnt_dev_sign	100	907	11535	rev
4586	123.A4.sp6:132268	Wnt_dev_sign	80	1122	11249	rev

SEQ ID NO:	Validation Sequence	Biological Activity (Profile)	Start	Stop	Score	Direction
4605	404.D5.sp6:162896	Wnt_dev_sign	31	816	11304	rev
4653	100.D7.sp6:131464	Wnt_dev_sign	467	1314	11882	rev
4654	100.D7.sp6:131464	Wnt_dev_sign	467	1314	11882	rev
4665	177.B11.sp6:134726	Wnt_dev_sign	137	1266	12708	rev
4668	177.B11.sp6:134726	Wnt_dev_sign	137	1266	12708	rev
4682	177.B11.sp6:134726	Wnt_dev_sign	137	1266	12708	rev
4710	367.H9.sp6:141210	Wnt_dev_sign	692	1481	12886	rev
4718	185.D9.sp6:135762	Wnt_dev_sign	129	890	11145	rev
4724	377.D2.sp6:141931	Wnt_dev_sign	400	1227	11044	rev
4733	185.D9.sp6:135762	Wnt_dev_sign	129	890	11145	rev
4856	367.H11.sp6:141212	Wnt_dev_sign	295	1669	13366	rev
4866	377.D4.sp6:141933	Wnt_dev_sign	549	1380	14522	rev
4925	219.B12.sp6:138997	Wnt_dev_sign	312	1214	13188	rev
4959	219.B12.sp6:138997	Wnt_dev_sign	312	1214	13188	rev
3409	172.D1.sp6:133913	Y_phosphatase	476	804	6932	for
3418	123.F9.sp6:132333	Y_phosphatase	28	439	6096	rev
3419	123.F9.sp6:132333	Y_phosphatase	28	439	6096	rev
3657	370.H6.sp6:141787	Y_phosphatase	148	554	6481	for
3804	404.B10.sp6:162877	Y_phosphatase	104	466	6446	rev
3806	404.D10.sp6:162901	Y_phosphatase	9	614	6516	for
3974	395.F2.sp6:149345	Y_phosphatase	164	645	6093	rev
4238	121.E9.sp6:131937	Y_phosphatase	240	777	6147	rev
4263	216.F10.sp6:139235	Y_phosphatase	21	504	6342	for
4343	122.E9.sp6:132129	Y_phosphatase	381	807	6036	rev
4363	123.B1.sp6:132277	Y_phosphatase	61	510	6229	rev
4434	219.F4.sp6:139037	Y_phosphatase	2	261	10353	for
4473	369.B4.sp6:141520	Y_phosphatase	231	768	6110	rev
4629	404.E11.sp6:162914	Y_phosphatase	580	920	6005	rev
5094	217.A3.sp6:139360	Y_phosphatase	263	622	6222	rev
2738	177.A6.sp6:134709	Zincfing_C2H2	65	127	4380	for
2760	177.A6.sp6:134709	Zincfing_C2H2	65	127	4380	for
2832	218.B2.sp6:138795	Zincfing_C2H2	94	156	4940	for
3736	377.H8.sp6:141985	Zincfing_C2H2	495	557	4850	for
3762	377.G2.sp6:141967	Zincfing_C2H2	52	114	4380	for
3763	377.G2.sp6:141967	Zincfing_C2H2	52	114	4380	for
4794	377.G4.sp6:141969	Zincfing_C2H2	247	308	3930	for
5090	185.C4.sp6:135745	Zincfing_C2H2	238	300	4540	for
3774	377.E4.sp6:141945	Zincfing_C3HC4	128	244	9335	for
4477	181.E3.sp6:135322	Zincfing_C3HC4	321	445	8221	for

Table 19. Polynucleotides Specifically Expressed in Colon

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
3	RTA00000197AF.e.24.1	39250	2	0	0	0	0	0	0	0
7	RTA00000197AR.e.12.1	22095	3	0	0	0	0	0	0	0
16	RTA00000196AF.e.16.1	39252	2	0	0	0	0	0	0	0
18	RTA00000196AF.c.17.1	39602	2	0	0	0	0	0	0	0
21	RTA00000131A.g.19.2	36535	2	0	0	0	0	0	0	0
22	RTA00000187AR.o.10.2	8984	4	3	0	0	0	2	0	0
23	RTA00000198R.b.08.1	22636	3	0	0	0	0	0	0	0
26	RTA00000200R.g.09.1	22785	3	0	0	0	0	0	0	0
29	RTA00000200AF.b.19.1	22847	3	0	0	0	0	0	0	0
31	RTA00000200F.m.15.1	22601	3	0	0	0	1	0	0	0
37	RTA00000181AF.n.15.2	86128	1	0	0	0	0	0	0	0
38	RTA00000196R.k.07.1	22443	2	0	0	0	0	0	0	1
40	RTA00000200AR.e.02.1	36059	2	0	0	0	1	1	1	0
48	RTA00000177AR.a.23.5	6995	4	2	0	0	0	0	0	0
49	RTA00000198R.o.05.1	26702	2	0	0	0	0	0	0	0
50	RTA00000201R.a.02.1	35362	2	0	0	0	0	0	0	0
61	RTA00000197AF.h.11.1	22264	3	0	0	0	0	0	0	0
66	RTA00000199F.c.09.2	16824	3	1	0	0	0	0	0	0
75	RTA00000180AR.h.19.2	84182	1	0	0	0	0	0	0	0
78	RTA00000199R.f.09.1	22907	3	0	0	0	0	0	0	0
79	RTA00000199AF.p.4.1	10282	3	3	0	0	0	0	0	0
85	RTA00000200R.o.03.1	22807	3	0	0	0	0	0	0	0
86	RTA00000189AF.l.22.1	33333	1	1	0	0	0	0	0	0
87	RTA00000195AF.d.20.1	37574	2	0	0	0	0	0	0	0
92	RTA00000198AF.j.18.1	22759	3	0	0	0	0	0	0	0
95	RTA00000180AF.g.3.1	9024	5	2	0	0	0	0	0	0
102	RTA00000199R.j.08.1	37844	2	0	0	0	0	0	0	0
103	RTA00000199F.e.10.1	22906	3	0	0	0	0	0	1	0
105	RTA00000179AF.g.12.3	36390	2	0	0	0	0	0	0	0
108	RTA00000183AR.h.23.2	18957	3	0	0	0	0	0	0	0
109	RTA00000197AF.d.12.1	39546	2	0	0	0	0	0	0	0
116	RTA00000181AR.k.24.3	7005	8	2	0	0	0	0	0	0
119	RTA00000181AR.k.24.2	7005	8	2	0	0	0	0	0	0
124	RTA00000199AR.m.06.1	19122	3	0	0	0	0	0	0	0
129	RTA00000134A.d.10.1	18957	3	0	0	0	0	0	0	0
137	RTA00000181AF.m.4.3	13238	4	1	0	0	0	0	0	0
141	RTA00000196AF.c.6.1	23148	3	0	0	0	0	0	0	0
142	RTA00000198AF.k.19.1	75879	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
143	RTA00000199R.h.09.1	76020	1	0	0	0	0	0	0	0
144	RTA00000198AF.o.18.1	13018	4	0	0	0	1	0	0	0
148	RTA00000199F.h.17.2	36254	2	0	0	0	0	0	0	0
149	RTA00000181AR.h.06.3	87226	1	0	0	0	0	0	0	0
166	RTA00000198AF.f.21.1	22676	3	0	0	0	0	0	0	0
173	RTA00000200AR.b.07.1	17125	4	0	0	0	0	0	0	0
178	RTA00000200F.o.03.1	22807	3	0	0	0	0	0	0	0
180	RTA00000199AF.j.12.1	22461	3	0	0	0	0	0	0	0
185	RTA00000195AF.d.4.1	22766	3	0	0	0	0	0	0	0
194	RTA00000200R.k.01.1	40049	2	0	0	0	0	0	0	0
195	RTA00000198AF.c.10.1	77149	1	0	0	0	0	0	0	0
198	RTA00000197AR.e.07.1	86969	1	0	0	0	0	0	0	0
199	RTA00000199R.c.09.1	16824	3	1	0	0	0	0	0	0
206	RTA00000181AF.o.04.2	22205	3	0	0	0	0	0	0	0
207	RTA00000199AF.l.19.1	22460	3	0	0	0	0	0	0	0
208	RTA00000198AF.h.22.1	22366	2	1	0	0	0	0	0	0
211	RTA00000199AF.m.15.1	10101	3	0	0	0	0	0	0	0
212	RTA00000197AF.j.9.1	13236	4	1	0	0	0	0	0	0
230	RTA00000185AR.b.18.1	12171	3	2	0	0	0	0	0	0
235	RTA00000201AF.a.02.1	35362	2	0	0	0	0	0	0	0
236	RTA00000183AR.h.23.1	18957	3	0	0	0	0	0	0	0
238	RTA00000187AR.k.12.1	78415	1	0	0	0	0	0	0	0
242	RTA00000198AF.m.17.1	77992	1	0	0	0	0	0	0	0
243	RTA00000181AF.m.15.3	12081	4	0	0	0	0	0	0	0
248	RTA00000198R.c.14.1	39814	2	0	0	0	0	0	0	0
249	RTA00000200R.o.03.2	22807	3	0	0	0	0	0	0	0
251	RTA00000192AF.n.13.1	8210	2	6	0	0	0	0	0	0
256	RTA00000184AR.e.15.1	16347	4	0	0	0	0	0	0	0
260	RTA00000198R.m.17.1	77992	1	0	0	0	0	0	0	0
270	RTA00000178R.l.08.1	39648	2	0	0	0	0	0	0	0
278	RTA00000198AF.p.16.1	71877	1	0	0	0	0	0	0	0
280	RTA00000193AF.b.18.1	7542	8	0	0	2	1	0	1	0
284	RTA00000199F.d.10.2	22049	3	0	0	0	0	0	0	0
287	RTA00000200AF.b.07.1	17125	4	0	0	0	0	0	0	0
288	RTA00000181AR.i.06.3	19119	3	0	0	0	0	0	0	0
289	RTA00000196F.k.07.1	22443	2	0	0	0	0	0	0	1
294	RTA00000198AF.k.23.1	8995	2	5	0	0	0	0	0	0
296	RTA00000196AF.f.20.1	22774	3	0	0	0	0	0	0	0
300	RTA00000195AF.c.12.1	37582	2	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
302	RTA00000186AF.d.1.2	40044	2	0	0	1	0	0	0	0
307	RTA00000200F.n.05.2	18989	3	0	0	0	0	0	0	0
308	RTA00000178AF.j.20.1	15066	4	0	0	0	0	0	0	0
310	RTA00000188AF.m.08.1	22155	3	0	0	0	0	0	0	0
315	RTA00000199R.d.23.1	37477	2	0	0	0	0	0	0	0
319	RTA00000200F.n.05.1	18989	3	0	0	0	0	0	0	0
320	RTA00000196AF.m.13.1	16290	4	0	0	0	0	0	0	0
325	RTA00000182AF.d.18.4	37435	2	0	0	0	0	0	0	0
328	RTA00000200AF.g.09.1	22785	3	0	0	0	0	0	0	0
330	RTA00000177AR.m.17.4	14391	3	1	0	0	0	0	0	0
331	RTA00000197AR.c.20.1	16282	4	0	0	0	0	0	0	0
337	RTA00000177AR.m.17.3	14391	3	1	0	0	0	0	0	0
342	RTA00000196AF.d.10.1	22256	3	0	0	0	0	0	0	0
343	RTA00000201F.a.18.1	16837	2	2	0	0	0	0	0	0
344	RTA00000198AF.o.02.1	68756	1	0	0	0	0	0	0	0
345	RTA00000187AF.h.21.1	39171	2	0	0	0	0	0	0	0
347	RTA00000199F.b.03.2	38340	2	0	0	0	0	0	0	0
358	RTA00000198AF.g.7.1	13386	3	2	0	0	0	0	0	0
362	RTA00000197AR.c.24.1	82498	1	0	0	0	0	0	0	0
371	RTA00000197F.e.7.1	86969	1	0	0	0	0	0	0	0
378	RTA00000181AF.k.24.3	7005	8	2	0	0	0	0	0	0
382	RTA00000200AF.j.6.1	22902	3	0	0	0	0	0	0	0
384	RTA00000196AF.h.17.1	39215	2	0	0	0	0	0	0	0
392	RTA00000185AF.b.11.2	9024	5	2	0	0	0	0	0	0
397	RTA00000198AF.b.22.1	38956	2	0	0	0	0	0	0	0
399	RTA00000186AF.m.15.2	40122	2	0	0	0	0	0	0	0
406	RTA00000199F.f.09.2	22907	3	0	0	0	0	0	0	0
408	RTA00000183AR.l.15.1	39383	2	0	0	0	0	0	0	0
413	RTA00000200F.a.12.1	16751	4	0	0	0	0	0	0	0
416	RTA00000199F.a.5.1	22134	3	0	0	0	0	0	0	0
418	RTA00000187AR.k.01.1	78356	1	0	0	0	0	0	0	0
424	RTA00000187AR.j.24.1	78356	1	0	0	0	0	0	0	0
426	RTA00000199AF.o.19.1	36927	2	0	0	0	0	0	0	0
429	RTA00000196F.i.19.1	39498	2	0	0	0	0	0	0	0
430	RTA00000198R.k.23.1	8995	2	5	0	0	0	0	0	0
432	RTA00000198AF.o.05.1	26702	2	0	0	0	0	0	0	0
433	RTA00000198R.j.18.1	22759	3	0	0	0	0	0	0	0
435	RTA00000182AR.c.22.1	16283	3	0	0	0	0	0	0	0
438	RTA00000180AR.g.03.4	9024	5	2	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
451	RTA00000200AF.b.20.1	40403	2	0	0	0	0	0	0	0
455	RTA00000198AF.d.12.1	21142	2	1	0	0	0	0	0	0
456	RTA00000200AF.b.12.1	22053	3	0	0	0	0	0	0	0
457	RTA00000191AR.l.7.2	14391	3	1	0	0	0	0	0	0
461	RTA00000190AF.e.13.1	38961	2	0	0	0	0	0	0	0
462	RTA00000196AF.n.17.1	12477	4	1	0	0	0	0	0	0
467	RTA00000195AF.b.19.1	77678	1	0	0	0	0	0	0	0
475	RTA00000187AR.m.3.3	17055	4	0	0	0	0	0	0	0
476	RTA00000200R.g.15.1	22898	3	0	0	0	0	0	0	0
482	RTA00000187AF.j.7.1	78091	1	0	0	0	0	0	0	0
485	RTA00000196AF.c.14.1	23105	3	0	0	0	0	0	0	0
486	RTA00000190AR.p.22.2	16368	4	0	0	0	0	0	0	0
492	RTA00000198AF.b.8.1	22636	3	0	0	0	0	0	0	0
493	RTA00000177AF.m.17.1	14391	3	1	0	0	0	0	0	0
494	RTA00000200AF.k.1.1	40049	2	0	0	0	0	0	0	0
498	RTA00000190AF.h.12.1	12977	5	0	0	0	0	0	0	0
499	RTA00000199F.b.22.2	17018	4	0	0	0	0	0	0	0
508	RTA00000187AF.i.14.2	19406	2	1	0	0	0	0	0	0
511	RTA00000196AF.g.10.1	12498	3	1	1	0	0	0	0	0
517	RTA00000184AF.e.14.1	16347	4	0	0	0	0	0	0	0
522	RTA00000178AR.h.17.2	23824	2	1	0	0	0	0	0	0
531	RTA00000195F.a.3.1	27179	2	0	0	0	0	0	0	0
544	RTA00000196F.j.13.1	23170	3	0	0	0	0	0	0	0
547	RTA00000196AF.g.8.1	39665	2	0	0	0	0	0	0	0
549	RTA00000198AF.c.16.1	26801	2	0	0	0	0	0	0	0
553	RTA00000201F.b.22.1	35728	2	0	0	0	0	0	0	1
559	RTA00000197AF.p.20.1	22795	3	0	0	0	0	0	0	0
563	RTA00000192AR.o.16.2	9061	5	2	0	0	0	0	0	0
565	RTA00000191AF.c.10.1	40422	2	0	0	0	0	0	0	0
568	RTA00000196AF.p.01.2	87143	1	0	0	0	0	0	0	0
578	RTA00000180AF.g.17.1	16653	3	1	0	0	0	0	0	0
583	RTA00000190AR.h.12.2	12977	5	0	0	0	0	0	0	0
585	RTA00000198AF.n.18.1	16715	3	1	0	0	0	0	0	0
586	RTA00000199R.o.11.1	23172	3	0	0	0	0	0	0	0
588	RTA00000191AF.b.4.1	14936	3	0	0	0	0	0	0	0
589	RTA00000192AF.l.1.1	16392	3	0	0	0	0	0	0	0
593	RTA00000196R.c.14.2	23105	3	0	0	0	0	0	0	0
595	RTA00000195R.a.06.1	35265	2	0	1	0	0	0	0	0
602	RTA00000195AF.b.21.1	39055	2	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
612	RTA00000197AR.e.22.1	78758	1	0	0	0	0	0	0	0
615	RTA00000197R.p.20.1	22795	3	0	0	0	0	0	0	0
618	RTA00000192AF.a.14.1	6874	6	3	0	0	1	0	0	0
623	RTA00000198R.b.24.1	19047	3	0	0	0	0	0	0	0
627	RTA00000199F.h.15.2	22269	3	0	0	0	0	0	0	0
628	RTA00000198AF.g.16.1	6602	1	1	0	0	0	0	0	0
634	RTA00000192AF.j.6.1	11494	4	0	0	0	0	0	0	0
635	RTA00000181AF.p.7.3	38773	2	0	0	0	0	0	0	0
637	RTA00000200AF.g.15.1	22898	3	0	0	0	0	0	0	0
643	RTA00000184AF.c.9.1	16245	4	0	0	0	0	0	0	0
645	RTA00000177AF.k.9.1	16245	4	0	0	0	0	0	0	0
649	RTA00000190AR.l.19.2	88204	1	0	0	0	0	0	0	0
662	RTA00000201R.a.15.1	57347	1	0	0	0	0	0	0	0
664	RTA00000195R.a.23.1	86432	1	0	0	0	0	0	0	0
670	RTA00000186AF.p.17.3	38383	2	0	0	0	0	0	0	0
674	RTA00000197AR.e.24.1	39250	2	0	0	0	0	0	0	0
683	RTA00000187AR.j.01.1	79028	1	0	0	0	0	0	0	0
686	RTA00000201F.f.07.1	51116	1	0	0	0	0	0	0	0
694	RTA00000201R.c.19.1	22357	2	1	0	0	0	0	0	0
702	RTA00000177AR.b.8.5	17062	3	0	0	0	0	0	0	0
712	RTA00000201F.b.21.1	9071	3	4	0	0	0	0	0	0
717	RTA00000200F.o.10.2	36432	2	0	0	0	0	0	0	0
718	RTA00000196F.l.14.2	23144	3	0	0	0	0	0	0	0
725	RTA00000197AF.b.1.1	12134	1	1	0	0	0	0	0	0
733	RTA00000200AF.d.20.1	26600	2	0	0	0	0	0	0	0
743	RTA00000178AF.k.9.1	16342	3	0	0	0	0	0	0	0
748	RTA00000198AF.b.24.1	19047	3	0	0	0	0	0	0	0
757	RTA00000406F.d.16.1	15040	2	2	0	0	0	0	0	0
760	RTA00000408F.o.12.2	78578	1	0	0	0	0	0	0	0
761	RTA00000119A.j.15.1	79623	1	0	0	0	0	0	0	0
762	RTA00000413F.d.12.1	66467	1	0	0	0	0	0	0	0
763	RTA00000423F.i.12.1	9118	4	3	0	0	0	0	0	0
766	RTA00000411F.k.05.1	64777	1	0	0	0	0	0	0	0
769	RTA00000419F.b.09.1	78128	1	0	0	0	0	0	0	0
772	RTA00000411F.m.15.1	78014	1	0	0	0	0	0	0	0
774	RTA00000123A.k.23.1	80313	1	0	0	0	0	0	0	0
777	RTA00000130A.m.15.1	81630	1	0	0	0	0	0	0	0
778	RTA00000411F.k.20.1	64973	1	0	0	0	0	0	0	0
780	RTA00000418F.k.05.1	73021	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
781	RTA00000423F.h.18.1	37972	2	0	0	0	0	0	0	0
783	RTA00000422F.p.06.2	39282	2	0	0	0	0	0	0	0
784	RTA00000404F.n.16.2	39095	2	0	0	0	0	0	0	0
785	RTA00000411F.m.24.1	77568	1	0	0	0	0	0	0	0
786	RTA00000134A.j.10.1	81383	1	0	0	0	0	0	0	0
787	RTA00000409F.j.02.1	76417	1	0	0	0	0	0	0	0
788	RTA00000403F.j.15.1	23840	2	1	0	0	0	0	0	0
789	RTA00000411F.n.11.1	77276	1	0	0	0	0	0	0	0
790	RTA00000339F.i.13.1	5970	6	4	0	0	0	0	0	0
792	RTA00000406F.o.15.1	37482	2	0	0	0	0	0	0	0
793	RTA00000412F.g.04.2	64457	1	0	0	0	0	0	0	0
795	RTA00000352R.l.06.1	40343	2	0	0	0	0	0	0	0
796	RTA00000419F.b.12.1	63148	1	0	0	0	0	0	0	0
797	RTA00000423F.k.17.2	37512	2	0	0	0	0	0	0	0
799	RTA00000418F.k.14.1	76133	1	0	0	0	0	1	0	0
800	RTA00000409F.l.12.1	26755	1	0	0	0	0	0	0	0
801	RTA00000404F.c.20.1	39088	2	0	0	0	0	0	1	0
802	RTA00000423F.g.09.1	38958	2	0	0	0	0	0	0	0
804	RTA00000406F.d.12.1	38575	2	0	0	0	0	0	0	0
805	RTA00000411F.f.02.1	63386	1	0	0	0	0	0	0	0
806	RTA00000129A.n.21.1	79381	1	0	0	0	0	0	0	0
807	RTA00000409F.m.12.1	73490	1	0	0	0	0	0	0	0
808	RTA00000410F.c.04.1	74099	1	0	0	0	0	0	0	0
810	RTA00000406F.m.09.1	26891	2	0	0	0	0	0	0	0
811	RTA00000411F.b.06.1	77884	1	0	0	0	0	0	0	0
812	RTA00000409F.l.21.1	73143	1	0	0	0	0	0	0	0
818	RTA00000404F.l.20.2	38638	2	0	0	0	0	0	0	0
819	RTA00000413F.d.18.1	65305	1	0	0	0	0	0	0	0
820	RTA00000404F.p.04.2	39069	2	0	0	0	0	0	0	0
821	RTA00000405F.g.19.2	37150	2	0	0	0	0	0	0	0
822	RTA00000409F.a.22.1	75200	1	0	0	0	0	0	0	0
824	RTA00000405F.o.18.1	11016	4	2	0	0	0	0	0	0
829	RTA00000408F.e.22.2	26930	1	0	0	0	0	0	0	0
831	RTA00000413F.d.16.1	63331	1	0	0	0	0	0	0	0
834	RTA00000419F.g.08.1	66700	1	0	0	0	0	0	0	0
835	RTA00000122A.g.16.1	81366	1	0	0	0	0	0	0	0
836	RTA00000419F.c.16.1	65254	1	0	0	0	0	0	0	0
837	RTA00000411F.b.03.1	23634	1	2	0	0	0	0	0	0
842	RTA00000403F.l.20.1	18267	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
845	RTA00000411F.a.02.1	78537	1	0	0	0	0	0	0	0
847	RTA00000412F.l.04.1	66372	1	0	0	0	0	0	0	0
849	RTA00000406F.a.23.1	38712	2	0	0	0	0	0	0	0
851	RTA00000120A.n.19.3	80004	1	0	0	0	0	0	0	0
852	RTA00000403F.e.01.1	38965	2	0	0	0	0	0	0	0
853	RTA00000411F.l.03.1	62702	1	0	0	0	0	0	0	0
856	RTA00000121A.m.2.1	81064	1	0	0	0	0	0	0	0
858	RTA00000418F.j.12.1	73316	1	0	0	0	0	0	0	0
862	RTA00000125A.g.16.1	21497	2	1	0	0	0	0	0	0
863	RTA00000418F.o.18.1	78676	1	0	0	0	0	0	0	0
865	RTA00000408F.k.14.1	73856	1	0	0	0	0	0	0	0
871	RTA00000403F.o.15.1	39140	2	0	0	0	0	0	0	0
872	RTA00000341F.m.13.1	26502	1	0	0	0	0	0	0	0
873	RTA00000408F.h.03.1	78382	1	0	0	0	0	0	0	0
874	RTA00000423F.k.05.1	37472	2	0	0	0	0	0	0	0
876	RTA00000418F.p.19.1	78544	1	0	0	0	0	0	0	0
877	RTA00000420F.f.06.1	64812	1	0	0	0	0	0	0	0
878	RTA00000122A.j.18.1	81317	1	0	0	0	0	0	0	0
879	RTA00000420F.d.05.1	64432	1	0	0	0	0	0	0	0
880	RTA00000403F.m.18.1	39185	2	0	0	0	0	0	0	0
882	RTA00000411F.j.05.1	40709	1	1	0	0	0	0	0	0
883	RTA00000403F.a.04.1	23529	2	1	0	0	0	0	0	0
885	RTA00000406F.f.12.1	21895	2	1	0	0	0	0	0	0
886	RTA00000418F.g.22.1	74837	1	0	0	0	0	0	0	0
888	RTA00000404F.l.20.1	38638	2	0	0	0	0	0	0	0
889	RTA00000408F.i.08.2	75811	1	0	0	0	0	0	0	0
890	RTA00000122A.d.5.1	81155	1	0	0	0	0	0	0	0
894	RTA00000419F.b.19.1	65534	1	0	0	0	0	0	0	0
896	RTA00000418F.k.19.1	74932	1	0	0	0	0	0	0	0
900	RTA00000419F.g.12.1	66171	1	0	0	0	0	0	0	0
901	RTA00000404F.n.11.2	38001	2	0	0	0	0	0	0	0
904	RTA00000419F.o.24.1	65092	1	0	0	0	0	0	0	0
905	RTA00000419F.k.19.1	75447	1	0	0	0	0	0	0	0
907	RTA00000127A.i.20.1	81418	1	0	0	0	0	0	0	0
908	RTA00000422F.g.22.1	22561	3	0	0	0	0	0	0	0
910	RTA00000413F.h.13.1	65190	1	0	0	0	0	0	0	0
913	RTA00000348R.j.16.1	7005	8	2	0	0	0	0	0	0
916	RTA00000418F.n.22.1	79062	1	0	0	0	0	0	0	0
917	RTA00000406F.l.08.1	39016	2	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
920	RTA00000409F.j.07.1	75190	1	0	0	0	0	0	0	0
923	RTA00000411F.e.22.1	63638	1	0	0	0	0	0	0	0
924	RTA00000347F.a.17.1	16723	3	1	0	0	0	0	0	0
926	RTA00000404F.n.20.1	26865	2	0	0	0	0	0	0	0
929	RTA00000404F.b.02.1	38984	2	0	0	0	0	0	0	0
931	RTA00000403F.b.10.1	73268	1	0	0	0	0	0	0	0
932	RTA00000406F.i.12.1	39080	2	0	0	0	0	0	0	0
933	RTA00000406F.h.08.1	16228	2	2	0	0	0	0	0	0
934	RTA00000418F.i.19.1	79180	1	0	0	0	0	0	0	0
936	RTA00000412F.h.21.1	64348	1	0	0	0	0	0	0	0
938	RTA00000120A.g.18.1	81255	1	0	0	0	0	0	0	0
940	RTA00000423F.j.05.1	37958	2	0	0	0	0	0	0	0
941	RTA00000132A.k.6.1	81284	1	0	0	0	0	0	0	0
943	RTA00000406F.p.04.1	37458	2	0	0	0	0	0	0	0
944	RTA00000347F.a.13.1	22446	3	0	0	0	0	0	0	0
945	RTA00000419F.p.23.1	64748	1	0	0	0	0	0	0	0
946	RTA00000419F.d.17.1	64353	1	0	0	0	0	0	0	0
949	RTA00000124A.k.5.1	80252	1	0	0	0	0	0	0	0
950	RTA00000404F.h.22.1	18735	2	1	0	0	0	0	1	0
952	RTA00000410F.o.05.1	75262	1	0	0	0	0	0	0	0
953	RTA00000339R.l.14.1	19119	3	0	0	0	0	0	0	0
954	RTA00000403F.m.13.2	39077	2	0	0	0	0	0	0	0
957	RTA00000419F.g.22.1	64515	1	0	0	0	0	0	0	0
958	RTA00000404F.g.21.1	37947	2	0	0	0	0	0	0	0
960	RTA00000138A.n.4.1	21920	2	1	0	0	0	0	0	0
961	RTA00000410F.b.15.1	77100	1	0	0	0	0	0	0	0
963	RTA00000419F.j.23.1	74470	1	0	0	0	0	0	0	0
964	RTA00000411F.j.02.1	65310	1	0	0	0	0	0	0	0
965	RTA00000419F.p.24.1	63477	1	0	0	0	0	0	0	0
966	RTA00000404F.a.19.1	38624	2	0	0	0	0	0	0	0
973	RTA00000346F.e.13.1	74653	1	0	0	0	0	0	0	0
974	RTA00000419F.c.18.1	41394	1	1	0	0	0	0	0	0
978	RTA00000404F.e.22.1	11344	3	3	0	0	0	0	0	0
981	RTA00000125A.k.10.1	81644	1	0	0	0	0	0	0	0
982	RTA00000347F.c.06.1	18846	2	1	0	0	0	0	0	0
983	RTA00000411F.k.19.1	64200	1	0	0	0	0	0	0	0
984	RTA00000345F.i.09.1	27250	2	0	0	0	0	0	0	0
985	RTA00000423F.k.01.1	40426	2	0	0	0	0	0	0	0
986	RTA00000408F.d.06.1	78997	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
987	RTA00000128A.b.20.1	79761	1	0	0	0	0	0	0	0
989	RTA00000195AF.d.4.1	22766	3	0	0	0	0	0	0	0
991	RTA00000403F.h.12.1	15205	2	1	0	0	0	0	0	0
992	RTA00000119A.j.22.1	80336	1	0	0	0	0	0	0	0
995	RTA00000126A.n.7.2	79557	1	0	0	1	0	0	0	0
997	RTA00000404F.j.08.1	39066	2	0	0	0	0	0	0	0
998	RTA00000410F.c.14.1	77809	1	0	0	0	0	0	0	0
999	RTA00000120A.g.23.1	81189	1	0	0	0	0	0	0	0
1000	RTA00000195AF.d.20.1	37574	2	0	0	0	0	0	0	0
1002	RTA00000412F.j.17.1	64071	1	0	0	0	0	0	0	0
1004	RTA00000119A.j.10.1	79646	1	0	0	0	0	0	0	0
1010	RTA00000419F.o.16.1	62867	1	0	0	0	0	0	0	0
1012	RTA00000411F.c.17.1	77664	1	0	0	0	0	0	0	0
1013	RTA00000406F.k.15.1	38549	2	0	0	0	0	0	0	0
1014	RTA00000406F.a.02.1	37744	2	0	0	0	0	0	0	0
1016	RTA00000341F.b.06.1	17008	4	0	0	0	0	0	0	0
1017	RTA00000409F.n.14.1	78190	1	0	0	0	0	0	0	0
1019	RTA00000345F.j.08.1	16731	3	1	0	0	0	0	0	0
1021	RTA00000419F.g.15.1	32519	1	1	0	0	0	0	0	0
1022	RTA00000423F.a.19.1	21396	1	2	0	0	0	0	0	0
1024	RTA00000422F.e.08.1	39020	2	0	0	0	0	0	0	0
1025	RTA00000411F.d.15.1	74890	1	0	0	0	0	0	0	0
1027	RTA00000411F.l.15.1	66704	1	0	0	0	0	0	0	0
1029	RTA00000405F.e.08.1	37916	2	0	0	0	1	0	0	0
1030	RTA00000353R.j.24.1	23089	3	0	0	0	0	0	0	0
1032	RTA00000418F.o.06.1	75930	1	0	0	0	0	0	0	0
1033	RTA00000404F.c.10.1	23534	2	1	0	0	0	0	0	0
1034	RTA00000418F.i.21.1	78728	1	0	0	0	0	0	0	0
1036	RTA00000411F.l.13.1	43114	1	1	0	0	0	0	0	0
1037	RTA00000407F.a.24.1	37560	2	0	0	0	0	0	0	0
1038	RTA00000346F.n.06.1	12439	4	0	0	0	0	0	0	0
1039	RTA00000412F.l.21.1	65183	1	0	0	0	0	0	0	0
1040	RTA00000413F.i.02.1	65857	1	0	0	0	0	0	0	0
1041	RTA00000404F.i.19.1	38698	2	0	0	0	0	0	0	0
1043	RTA00000403F.a.11.1	73109	1	0	0	0	0	0	0	0
1045	RTA00000411F.k.16.1	64759	1	0	0	0	0	0	1	0
1046	RTA00000405F.c.01.1	19236	2	0	0	0	0	0	0	0
1047	RTA00000423F.i.18.1	14996	4	0	0	0	0	0	0	0
1050	RTA00000406F.a.07.1	26607	2	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1051	RTA00000347F.d.06.1	39122	2	0	0	0	0	0	0	0
1052	RTA00000419F.b.18.1	67034	1	0	0	0	0	0	0	0
1053	RTA00000406F.h.07.1	38003	2	0	0	0	0	0	0	0
1054	RTA00000405F.l.15.1	19575	2	1	0	0	0	0	0	0
1055	RTA00000406F.g.17.1	37979	2	0	0	0	0	0	0	0
1058	RTA00000130A.h.22.1	80933	1	0	0	0	0	0	0	0
1061	RTA00000404F.d.13.1	39036	2	0	0	0	0	0	0	0
1064	RTA00000340F.n.01.1	39081	2	0	0	0	0	0	0	0
1065	RTA00000419F.d.06.1	65496	1	0	0	0	0	0	0	0
1066	RTA00000419F.n.09.1	66070	1	0	0	0	0	0	0	0
1067	RTA00000399F.i.08.1	38927	2	0	0	0	0	0	0	0
1069	RTA00000423F.g.13.1	38028	2	0	0	0	0	0	0	0
1072	RTA00000195AF.b.21.1	39055	2	0	0	0	0	0	0	0
1073	RTA00000403F.h.05.1	39096	2	0	0	0	0	0	0	0
1075	RTA00000422F.p.07.2	39024	2	0	0	1	0	0	0	0
1078	RTA00000421F.n.19.1	16409	3	1	0	0	0	0	0	0
1080	RTA00000345F.k.21.1	40204	2	0	0	0	0	0	0	0
1082	RTA00000405F.a.11.1	39124	2	0	0	0	0	0	0	0
1084	RTA00000413F.e.16.1	63836	1	0	0	0	0	0	0	0
1086	RTA00000404F.o.18.2	39110	2	0	0	0	0	0	0	0
1087	RTA00000409F.i.24.1	76967	1	0	0	0	0	0	0	0
1091	RTA00000340F.n.13.1	17055	4	0	0	0	0	0	0	0
1092	RTA00000340F.p.04.1	78533	1	0	0	0	0	0	0	0
1093	RTA00000411F.c.05.1	73368	1	0	0	0	0	0	0	0
1097	RTA00000404F.i.02.1	39015	2	0	0	0	0	0	0	0
1099	RTA00000403F.m.15.2	26901	2	0	0	0	0	0	0	0
1100	RTA00000412F.h.23.2	65118	1	0	0	0	0	0	0	0
1101	RTA00000418F.j.08.1	73382	1	0	0	0	0	0	0	0
1102	RTA00000125A.n.4.1	81984	1	0	0	0	0	0	0	0
1103	RTA00000412F.l.19.1	65825	1	0	0	0	0	0	0	0
1105	RTA00000129A.p.3.1	32644	1	1	0	0	0	0	0	0
1106	RTA00000340F.p.20.1	17008	4	0	0	0	0	0	0	0
1107	RTA00000411F.a.10.1	73073	1	0	0	0	0	0	0	0
1108	RTA00000409F.n.17.1	76725	1	0	0	0	0	0	0	0
1109	RTA00000404F.c.03.2	39198	2	0	0	0	0	0	0	0
1110	RTA00000420F.a.19.1	34192	1	1	0	0	0	0	0	0
1114	RTA00000420F.d.12.1	64095	1	0	0	0	0	0	0	0
1115	RTA00000409F.j.19.1	73792	1	0	0	0	0	0	0	0
1116	RTA00000422F.d.16.1	39133	2	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1117	RTA00000418F.m.16.1	74986	1	0	0	0	0	0	0	0
1118	RTA00000405F.c.11.1	39068	2	0	0	0	0	0	0	0
1119	RTA00000404F.k.22.1	39084	2	0	0	0	0	0	0	0
1120	RTA00000418F.k.07.1	75067	1	0	0	0	0	0	0	0
1121	RTA00000403F.c.10.1	75261	1	0	0	0	0	0	0	0
1124	RTA00000410F.m.05.1	74964	1	0	0	0	0	0	0	0
1125	RTA00000405F.i.20.1	38532	2	0	0	0	0	0	0	0
1127	RTA00000408F.p.24.1	74286	1	0	0	0	0	0	0	0
1128	RTA00000418F.k.18.1	75385	1	0	0	0	0	0	0	0
1129	RTA00000422F.m.04.1	38702	2	0	0	0	0	0	0	0
1133	RTA00000403F.a.07.1	73559	1	0	0	0	0	0	0	0
1135	RTA00000403F.b.19.1	22327	2	1	0	0	0	0	0	0
1136	RTA00000418F.m.23.1	77195	1	0	0	0	0	0	0	0
1138	RTA00000404F.i.18.1	21912	2	1	0	0	0	0	0	0
1139	RTA00000422F.i.14.1	39300	2	0	0	0	0	0	0	0
1140	RTA00000418F.m.14.1	75711	1	0	0	1	0	0	0	0
1141	RTA00000406F.o.12.1	37459	2	0	0	0	0	0	0	0
1143	RTA00000411F.a.07.1	74547	1	0	0	0	0	0	0	0
1144	RTA00000411F.c.02.1	72852	1	0	0	0	0	0	0	0
1146	RTA00000130A.h.16.1	80761	1	0	0	0	0	0	0	0
1147	RTA00000410F.p.23.1	73948	1	0	0	0	0	0	0	0
1148	RTA00000418F.m.24.1	77114	1	0	0	0	0	0	0	0
1150	RTA00000408F.j.19.2	73752	1	0	0	0	0	0	0	0
1152	RTA00000118A.d.17.1	81921	1	0	0	0	0	0	0	0
1153	RTA00000407F.b.04.1	63221	1	0	0	0	0	0	0	0
1154	RTA00000411F.e.07.1	65008	1	0	0	0	0	0	0	0
1156	RTA00000132A.c.11.1	87278	1	0	0	0	0	0	0	0
1157	RTA00000420F.e.16.1	63639	1	0	0	0	0	0	0	0
1159	RTA00000404F.b.11.1	39079	2	0	0	0	0	0	0	0
1160	RTA00000418F.k.17.1	75390	1	0	0	0	0	0	0	0
1161	RTA00000129A.k.12.1	79322	1	0	0	0	0	0	0	0
1162	RTA00000340R.m.07.1	78415	1	0	0	0	0	0	0	0
1163	RTA00000405F.d.14.1	35209	2	0	0	0	0	0	1	0
1164	RTA00000406F.f.11.1	38601	2	0	0	0	0	0	0	0
1165	RTA00000120A.h.5.1	80344	1	0	0	0	0	0	0	0
1167	RTA00000411F.g.06.1	66065	1	0	0	0	0	0	0	0
1168	RTA00000408F.d.16.1	76318	1	0	0	0	0	0	0	0
1171	RTA00000404F.c.19.1	39026	2	0	0	0	0	0	0	1
1173	RTA00000410F.a.01.1	73354	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1174	RTA00000408F.h.08.1	74575	1	0	0	0	0	0	0	0
1175	RTA00000422F.b.16.1	17045	4	0	0	0	0	0	0	0
1176	RTA00000419F.f.10.1	66193	1	0	0	0	0	0	0	0
1177	RTA00000418F.l.04.1	74140	1	0	0	0	0	0	0	0
1178	RTA00000410F.a.16.1	73548	1	0	0	0	0	0	0	0
1179	RTA00000138A.e.13.1	79608	1	0	0	0	0	0	0	0
1180	RTA00000130A.b.5.1	79579	1	0	0	0	0	0	0	0
1181	RTA00000408F.j.15.2	74759	1	0	0	0	0	0	0	0
1182	RTA00000410F.m.20.1	74285	1	0	0	0	0	0	0	0
1185	RTA00000419F.e.04.1	62963	1	0	0	0	0	0	0	0
1187	RTA00000418F.g.05.1	73075	1	0	0	0	0	0	0	0
1188	RTA00000419F.n.02.1	65963	1	0	0	0	0	0	0	0
1191	RTA00000119A.m.15.1	80989	1	0	0	0	0	0	0	0
1194	RTA00000413F.g.23.1	40700	1	1	0	0	0	0	0	0
1195	RTA00000403F.a.18.1	75726	1	0	0	0	0	0	0	0
1196	RTA00000404F.m.20.2	39144	2	0	0	0	0	0	0	0
1199	RTA00000419F.h.04.1	65034	1	0	0	0	0	0	0	0
1200	RTA00000408F.d.12.1	75782	1	0	0	0	0	0	0	0
1201	RTA00000133A.m.19.2	80167	1	0	0	0	0	0	0	0
1206	RTA00000126A.o.22.1	81752	1	0	0	0	0	0	0	0
1207	RTA00000419F.n.13.1	66026	1	0	0	0	0	0	0	0
1208	RTA00000130A.h.13.1	80790	1	0	0	0	0	0	0	0
1212	RTA00000411F.m.19.1	74924	1	0	0	0	0	0	0	0
1214	RTA00000419F.k.06.1	78493	1	0	0	0	0	0	0	0
1216	RTA00000412F.d.16.1	26829	1	0	0	0	0	0	0	0
1217	RTA00000119A.j.23.1	79835	1	0	0	0	0	0	0	0
1219	RTA00000195A.f.c.12.1	37582	2	0	0	0	0	0	0	0
1223	RTA00000423F.c.19.1	40472	2	0	0	0	0	0	0	0
1224	RTA00000405F.g.24.1	39076	2	0	0	0	0	0	0	0
1226	RTA00000419F.c.11.1	65504	1	0	0	0	0	0	0	0
1227	RTA00000135A.f.14.2	79969	1	0	0	0	0	0	0	0
1228	RTA00000403F.a.05.1	18808	1	1	0	0	0	0	0	0
1229	RTA00000405F.e.17.1	38662	2	0	0	0	0	0	0	0
1230	RTA00000411F.d.05.1	75812	1	0	0	0	0	0	0	0
1232	RTA00000418F.d.03.1	76824	1	0	0	0	0	0	0	0
1233	RTA00000418F.h.08.1	76401	1	0	0	0	0	0	0	0
1234	RTA00000418F.m.10.1	79110	1	0	0	0	0	0	0	0
1235	RTA00000411F.i.15.1	31612	1	1	0	0	0	0	0	0
1236	RTA00000413F.i.23.1	63073	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1237	RTA00000411F.e.24.1	64781	1	0	0	0	0	0	0	0
1238	RTA00000406F.g.22.1	38590	2	0	0	0	0	0	0	0
1239	RTA00000126A.n.13.2	79735	1	0	0	0	0	0	0	0
1240	RTA00000419F.a.02.1	77993	1	0	0	0	0	0	0	0
1241	RTA00000346F.l.13.1	7542	8	0	0	2	1	0	1	0
1245	RTA00000120A.d.15.1	80533	1	0	0	0	0	0	0	0
1246	RTA00000418F.f.21.1	75157	1	0	0	0	0	0	0	0
1248	RTA00000129A.d.1.2	80058	1	0	0	0	0	0	0	0
1251	RTA00000419F.m.20.1	76720	1	0	0	0	0	0	0	0
1253	RTA00000406F.e.15.1	39074	2	0	0	0	0	0	0	0
1255	RTA00000411F.c.10.1	73117	1	0	0	0	0	0	0	0
1259	RTA00000413F.d.05.1	64788	1	0	0	0	0	0	0	0
1260	RTA00000121A.o.3.1	81437	1	0	0	0	0	0	0	0
1262	RTA00000420F.e.02.1	40259	2	0	0	0	0	0	0	0
1268	RTA00000126A.k.7.2	79866	1	0	0	0	0	0	0	0
1270	RTA00000419F.l.03.1	79060	1	0	0	0	0	0	0	0
1272	RTA00000118A.a.2.1	38067	2	0	0	0	0	0	0	0
1273	RTA00000410F.m.18.1	76365	1	0	0	0	0	0	0	0
1275	RTA00000406F.c.20.1	38578	2	0	0	0	0	0	0	0
1276	RTA00000413F.b.14.1	66591	1	0	0	0	0	0	0	0
1277	RTA00000406F.c.18.1	14368	2	0	0	0	0	0	0	0
1278	RTA00000418F.j.09.1	76352	1	0	0	0	0	0	0	0
1279	RTA00000419F.f.23.1	65002	1	0	0	0	0	0	0	0
1281	RTA00000411F.a.05.1	76699	1	0	0	0	0	0	0	0
1282	RTA00000419F.m.21.1	77947	1	0	0	0	0	0	0	0
1283	RTA00000405F.n.16.1	21503	2	1	1	0	0	0	0	0
1284	RTA00000422F.o.19.2	13084	3	2	0	0	0	0	0	0
1285	RTA00000408F.n.02.2	76993	1	0	0	0	0	0	0	0
1290	RTA00000119A.g.7.1	83580	1	0	0	0	0	0	0	0
1291	RTA00000411F.i.02.1	66975	1	0	0	0	0	0	0	0
1292	RTA00000408F.l.09.1	75487	1	0	0	0	0	0	0	0
1293	RTA00000423F.g.04.1	23012	2	1	0	0	0	0	0	0
1295	RTA00000418F.i.18.1	78024	1	0	0	0	0	0	0	0
1296	RTA00000411F.h.15.1	65160	1	0	0	0	0	0	0	0
1297	RTA00000410F.i.19.1	78988	1	0	0	0	0	0	0	0
1298	RTA00000419F.k.24.1	75596	1	0	0	0	0	0	0	0
1301	RTA00000409F.i.09.1	75279	1	0	0	0	0	0	0	0
1302	RTA00000419F.h.02.1	63985	1	0	0	0	0	0	0	0
1303	RTA00000413F.b.12.1	64932	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1304	RTA00000121A.h.18.1	16376	4	0	0	0	0	0	0	0
1305	RTA00000411F.n.20.1	75816	1	0	0	0	0	0	0	0
1307	RTA00000411F.n.12.1	73308	1	0	0	0	0	0	0	0
1308	RTA00000408F.j.12.2	18226	1	0	0	0	0	0	0	0
1309	RTA00000409F.i.03.1	75968	1	0	0	0	0	0	0	0
1312	RTA00000409F.j.05.1	74128	1	0	0	0	0	0	0	0
1313	RTA00000419F.m.04.1	74367	1	0	0	0	0	0	0	0
1314	RTA00000418F.k.03.1	78901	1	0	0	0	0	0	0	0
1315	RTA00000419F.d.16.1	64357	1	0	0	0	0	0	0	0
1316	RTA00000420F.e.10.1	65899	1	0	0	0	0	0	0	0
1319	RTA00000418F.k.08.1	18259	1	0	0	0	0	0	0	0
1322	RTA00000410F.c.02.1	75055	1	0	0	0	0	0	0	0
1324	RTA00000403F.h.18.1	39241	2	0	0	0	0	0	0	0
1325	RTA00000405F.n.13.1	23810	2	1	0	0	0	0	0	0
1326	RTA00000355R.e.14.1	16837	2	2	0	0	0	0	0	0
1327	RTA00000422F.l.03.1	39147	2	0	0	0	0	0	0	0
1329	RTA00000403F.o.14.1	38971	2	0	0	0	0	0	0	0
1333	RTA00000127A.f.11.1	81463	1	0	0	0	0	0	0	0
1335	RTA00000403F.o.07.1	39037	2	0	0	0	0	0	0	0
1336	RTA00000403F.d.19.1	39243	2	0	0	0	0	0	0	0
1338	RTA00000406F.i.17.1	37902	2	0	0	0	0	0	0	0
1339	RTA00000418F.d.22.1	75324	1	0	0	0	0	0	0	0
1340	RTA00000340R.o.12.1	53732	1	0	0	0	0	0	0	0
1341	RTA00000125A.g.24.1	80397	1	0	0	0	0	0	0	0
1342	RTA00000130A.o.21.1	80218	1	0	0	0	0	0	0	0
1343	RTA00000420F.a.23.1	42158	1	1	0	0	0	0	0	0
1344	RTA00000411F.m.18.1	75629	1	0	0	0	0	0	0	0
1345	RTA00000407F.b.22.1	37487	2	0	0	0	0	0	0	0
1346	RTA00000409F.a.16.1	73990	1	0	0	0	0	0	0	0
1348	RTA00000341F.k.12.1	62985	1	0	0	0	0	0	0	0
1349	RTA00000129A.c.18.2	37216	2	0	0	0	0	0	0	0
1350	RTA00000410F.d.10.1	77561	1	0	0	0	0	0	0	0
1351	RTA00000351R.i.03.1	6874	6	3	0	0	1	0	0	0
1352	RTA00000135A.l.1.2	39426	2	0	0	0	0	0	0	0
1353	RTA00000420F.b.18.1	66136	1	0	0	0	0	0	0	0
1356	RTA00000403F.o.13.1	39049	2	0	0	0	0	0	0	0
1357	RTA00000411F.f.06.1	64186	1	0	0	0	0	0	0	0
1359	RTA00000351R.c.13.1	11476	6	0	0	0	0	0	0	0
1362	RTA00000420F.d.16.1	64485	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1363	RTA00000404F.i.12.1	39001	2	0	0	0	0	0	0	0
1364	RTA00000404F.o.10.2	16785	2	2	0	0	0	0	0	0
1365	RTA00000419F.d.07.1	21421	1	2	0	0	0	0	0	0
1366	RTA00000404F.p.02.2	39097	2	0	1	0	0	0	0	0
1367	RTA00000125A.k.14.1	79457	1	0	0	0	0	0	0	0
1368	RTA00000122A.j.22.1	81151	1	0	0	0	0	0	0	0
1369	RTA00000406F.i.13.1	37904	2	0	0	0	0	0	0	0
1370	RTA00000135A.b.23.1	35241	2	0	0	0	0	0	0	0
1373	RTA00000423F.l.04.1	14320	2	0	0	0	0	0	0	0
1374	RTA00000420F.b.04.1	63820	1	0	0	0	0	0	0	0
1376	RTA00000408F.i.18.2	74410	1	0	0	0	0	0	0	0
1378	RTA00000341F.j.05.1	36177	2	0	0	0	0	0	0	0
1379	RTA00000420F.a.16.1	63345	1	0	0	0	0	0	0	0
1381	RTA00000410F.j.01.1	73399	1	0	0	0	0	0	0	0
1382	RTA00000408F.p.21.1	77930	1	0	0	0	0	0	0	0
1383	RTA00000412F.d.19.1	75743	1	0	0	0	0	0	0	0
1384	RTA00000352R.c.04.1	71976	1	0	0	0	0	0	0	0
1385	RTA00000413F.f.19.1	65189	1	0	0	0	0	0	0	0
1386	RTA00000411F.e.03.1	73648	1	0	0	0	0	0	0	0
1389	RTA00000418F.c.04.1	41587	1	1	0	0	0	0	0	0
1390	RTA00000418F.o.17.1	79069	1	0	0	0	0	0	0	0
1391	RTA00000418F.e.21.1	74773	1	0	0	0	0	0	0	0
1392	RTA00000419F.d.14.1	64945	1	0	0	0	0	0	0	0
1396	RTA00000410F.j.20.1	73601	1	0	0	0	0	0	0	0
1399	RTA00000119A.j.9.1	82060	1	0	0	0	0	0	0	0
1403	RTA00000340F.i.13.1	79299	1	0	0	0	0	0	0	0
1404	RTA00000412F.g.03.1	64740	1	0	0	0	0	0	0	0
1405	RTA00000122A.g.17.1	32655	1	1	0	0	0	0	0	0
1407	RTA00000419F.n.12.1	66086	1	0	0	0	0	0	0	0
1410	RTA00000351R.p.14.1	13166	2	3	0	0	0	0	0	0
1411	RTA00000403F.e.08.1	19126	3	0	0	0	0	0	0	0
1412	RTA00000124A.k.20.1	80913	1	0	0	0	0	0	0	0
1413	RTA00000121A.n.2.1	33585	1	1	0	0	0	0	0	0
1414	RTA00000422F.m.24.1	39159	2	0	1	0	1	1	2	2
1415	RTA00000408F.e.24.2	75002	1	0	0	0	0	0	0	0
1418	RTA00000403F.b.12.1	78775	1	0	0	0	0	0	0	0
1419	RTA00000404F.a.09.1	38985	2	0	0	0	0	0	0	0
1421	RTA00000403F.o.19.1	78615	1	0	0	0	0	0	0	0
1424	RTA00000410F.b.10.1	74504	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1426	RTA00000413F.h.12.1	66929	1	0	0	0	0	0	0	0
1427	RTA00000406F.k.14.1	38651	2	0	0	0	0	0	0	0
1429	RTA00000411F.f.17.1	65661	1	0	0	0	0	0	0	0
1430	RTA00000411F.k.10.1	64506	1	0	0	0	0	0	0	0
1431	RTA00000411F.g.21.1	64500	1	0	0	0	0	0	0	0
1432	RTA00000119A.h.24.1	82266	1	0	0	0	0	0	0	0
1434	RTA00000408F.m.22.2	72949	1	0	0	0	0	0	0	0
1437	RTA00000410F.i.17.1	78147	1	0	0	0	0	0	0	0
1440	RTA00000129A.a.13.2	79780	1	0	0	0	0	0	0	0
1441	RTA00000129A.k.21.1	82067	1	0	0	0	0	0	0	0
1442	RTA00000350R.g.10.1	9026	7	0	0	1	0	0	0	0
1443	RTA00000413F.d.23.1	66030	1	0	0	0	0	0	0	0
1447	RTA00000411F.d.10.1	76445	1	0	0	0	0	0	0	0
1448	RTA00000404F.b.19.1	39281	2	0	0	0	0	0	0	0
1449	RTA00000418F.c.07.1	73245	1	0	0	0	0	0	0	0
1450	RTA00000418F.j.15.1	74855	1	0	0	0	0	1	0	0
1453	RTA00000413F.b.16.1	65126	1	0	0	0	0	0	0	0
1455	RTA00000350R.m.14.1	39171	2	0	0	0	0	0	0	0
1456	RTA00000418F.l.11.1	77158	1	0	0	0	0	0	0	0
1457	RTA00000130A.d.5.1	82051	1	0	0	0	0	0	0	0
1458	RTA00000339F.n.05.1	39648	2	0	0	0	0	0	0	0
1460	RTA00000407F.a.23.1	23489	2	1	0	0	0	0	0	0
1462	RTA00000403F.h.11.1	39219	2	0	0	0	0	0	0	0
1463	RTA00000406F.j.13.1	38688	2	0	0	0	0	0	0	0
1464	RTA00000352R.p.09.1	16915	4	0	0	0	0	0	0	0
1465	RTA00000413F.g.24.1	65481	1	0	0	0	0	0	0	0
1469	RTA00000420F.a.08.1	19473	1	2	0	0	0	0	0	0
1472	RTA00000404F.i.22.1	39082	2	0	0	0	0	0	0	0
1473	RTA00000124A.k.23.1	81350	1	0	0	0	0	0	0	0
1474	RTA00000404F.e.11.1	38991	2	0	0	0	0	0	0	0
1475	RTA00000129A.d.2.4	80119	1	0	0	0	0	0	0	0
1478	RTA00000419F.o.15.1	32487	1	1	0	0	0	0	0	0
1479	RTA00000119A.m.17.1	79536	1	0	0	0	0	0	0	0
1480	RTA00000410F.b.07.1	78916	1	0	0	0	0	0	0	0
1481	RTA00000420F.b.19.1	36873	2	0	0	0	0	0	0	0
1483	RTA00000411F.b.21.1	10051	1	0	0	0	0	0	0	0
1485	RTA00000356R.c.16.1	16915	4	0	0	0	0	0	0	0
1487	RTA00000412F.h.11.1	63175	1	0	0	0	0	0	0	0
1490	RTA00000420F.a.11.1	66460	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1491	RTA00000120A.c.7.1	80985	1	0	0	1	0	0	0	0
1492	RTA00000404F.e.15.1	39101	2	0	0	0	0	0	0	0
1493	RTA00000422F.n.20.1	38676	2	0	0	0	0	0	1	0
1494	RTA00000423F.h.20.1	38639	2	0	0	0	0	0	0	0
1497	RTA00000410F.b.18.1	76701	1	0	0	0	0	0	0	0
1499	RTA00000423F.g.15.1	35173	2	0	0	0	0	0	0	0
1500	RTA00000413F.b.04.1	66427	1	0	0	0	0	0	0	0
1503	RTA00000346F.f.11.1	38528	2	0	0	0	0	0	0	0
1506	RTA00000422F.i.02.1	76436	1	0	0	0	0	0	0	0
1507	RTA00000410F.a.08.1	73324	1	0	0	0	0	0	0	0
1509	RTA00000419F.e.02.1	65010	1	0	0	0	0	0	0	0
1511	RTA00000403F.g.13.1	38718	2	0	0	0	0	0	0	0
1513	RTA00000407F.a.01.1	12501	3	1	0	0	0	0	0	0
1516	RTA00000411F.f.14.1	62984	1	0	0	0	0	0	0	0
1517	RTA00000411F.c.04.1	76858	1	0	0	0	0	0	0	0
1518	RTA00000135A.m.18.1	19255	2	0	0	0	0	0	0	0
1519	RTA00000413F.c.17.1	36831	2	0	0	0	0	0	0	0
1521	RTA00000404F.j.01.1	26859	2	0	0	0	0	0	0	0
1522	RTA00000138A.p.10.1	81625	1	0	0	0	0	0	0	0
1526	RTA00000423F.h.07.1	37933	2	0	0	0	0	0	0	0
1527	RTA00000413F.e.04.1	64176	1	0	0	0	0	0	0	0
1528	RTA00000406F.h.03.1	38585	2	0	0	0	0	0	0	0
1529	RTA00000403F.e.24.1	16432	2	2	0	0	0	0	0	0
1531	RTA00000403F.i.11.1	23535	2	1	0	0	0	0	0	0
1532	RTA00000419F.g.02.1	62839	1	0	0	0	0	0	0	0
1533	RTA00000347F.e.05.1	39814	2	0	0	0	0	0	0	0
1534	RTA00000408F.l.16.1	73468	1	0	0	0	0	0	0	0
1536	RTA00000423F.f.09.1	64823	1	0	0	0	0	0	0	0
1537	RTA00000419F.k.03.1	40822	1	1	0	0	0	0	0	0
1538	RTA00000406F.b.02.1	38744	2	0	0	0	0	0	0	0
1539	RTA00000418F.o.14.1	33524	1	1	0	0	0	0	0	0
1541	RTA00000404F.b.09.1	39166	2	0	0	0	0	0	0	0
1547	RTA00000406F.k.11.1	38715	2	0	0	0	0	0	0	0
1549	RTA00000406F.c.06.1	37924	2	0	0	0	0	0	0	0
1550	RTA00000418F.n.07.1	76316	1	0	0	0	0	0	0	0
1551	RTA00000419F.n.15.1	63484	1	0	0	0	0	0	0	0
1552	RTA00000408F.n.06.2	76642	1	0	0	0	0	0	0	0
1553	RTA00000420F.c.04.1	65007	1	0	0	0	0	0	0	0
1554	RTA00000411F.j.15.1	66871	1	0	0	0	0	0	0	0

SEQ ID	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
NO:										
1556	RTA00000128A.m.23.1	81441	1	0	0	0	0	0	0	0
1557	RTA00000406F.g.03.1	38690	2	0	0	0	0	0	0	0
1558	RTA00000405F.h.05.2	75706	1	0	0	0	0	0	0	0
1559	RTA00000129A.n.24.1	81409	1	0	0	0	0	0	0	0
1562	RTA00000418F.n.11.1	78977	1	0	0	0	0	0	0	0
1565	RTA00000120A.h.9.1	80736	1	0	0	0	0	0	0	0
1566	RTA00000413F.a.12.1	63403	1	0	0	0	0	0	0	0
1567	RTA00000412F.o.05.1	63575	1	0	0	0	0	0	0	0
1571	RTA00000354R.n.04.1	22049	3	0	0	0	0	0	0	0
1573	RTA00000406F.h.05.1	38542	2	0	0	0	0	0	0	0
1574	RTA00000410F.b.24.1	75104	1	0	0	0	0	0	0	0
1575	RTA00000423F.d.11.1	38950	2	0	0	0	0	0	0	0
1578	RTA00000119A.k.1.1	81282	1	0	0	0	0	0	0	0
1579	RTA00000420F.f.07.1	66312	1	0	0	0	0	0	0	0
1580	RTA00000404F.k.22.2	39084	2	0	0	0	0	0	0	0
1581	RTA00000422F.e.07.1	38964	2	0	0	0	0	0	0	0
1582	RTA00000410F.f.12.1	73883	1	0	0	0	0	0	0	0
1584	RTA00000411F.m.11.1	73196	1	0	0	0	0	0	0	0
1587	RTA00000403F.o.10.2	38964	2	0	0	0	0	0	0	0
1590	RTA00000413F.c.10.1	65600	1	0	0	0	0	0	0	0
1591	RTA00000411F.b.17.1	72893	1	0	0	0	0	0	0	0
1593	RTA00000408F.k.19.1	77593	1	0	0	0	0	0	0	0
1596	RTA00000119A.i.8.1	82593	1	0	0	0	0	0	0	0
1598	RTA00000418F.g.03.1	78737	1	0	0	0	0	0	0	0
1599	RTA00000411F.a.09.1	78629	1	0	0	0	0	0	0	0
1601	RTA00000419F.j.11.1	73183	1	0	0	0	0	0	0	0
1603	RTA00000404F.n.18.2	37169	2	0	0	0	0	0	0	0
1604	RTA00000122A.n.16.1	80553	1	0	0	0	0	0	0	0
1605	RTA00000420F.c.07.1	65555	1	0	0	0	0	0	0	0
1608	RTA00000408F.j.13.2	42275	1	1	0	0	0	0	0	0
1610	RTA00000423F.a.01.1	39103	2	0	0	0	0	0	0	0
1613	RTA00000341F.e.20.1	67422	1	0	0	0	0	0	0	0
1614	RTA00000419F.m.22.1	75600	1	0	0	0	0	0	0	0
1615	RTA00000419F.m.23.1	64263	1	0	0	0	0	0	0	0
1616	RTA00000419F.b.06.1	76728	1	0	0	0	0	0	0	0
1618	RTA00000406F.p.08.1	37573	2	0	0	0	0	0	0	2
1619	RTA00000129A.n.17.1	79811	1	0	0	0	0	0	0	0
1621	RTA00000407F.b.08.1	37513	2	0	0	0	0	0	0	0
1623	RTA00000406F.i.08.1	37946	2	0	0	0	0	0	0	0

SEQ ID	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
NO:										
1624	RTA00000403F.h.07.1	26856	2	0	0	0	0	0	0	0
1625	RTA00000418F.n.24.1	73153	1	0	0	0	0	0	0	0
1627	RTA00000409F.l.20.1	74394	1	0	0	0	0	0	0	0
1628	RTA00000418F.l.06.1	73317	1	0	0	0	0	0	0	0
1629	RTA00000346F.o.22.1	7381	2	6	0	0	0	0	0	0
1630	RTA00000129A.k.22.1	79639	1	0	0	0	0	0	0	0
1632	RTA00000418F.m.22.1	74567	1	0	0	0	0	0	0	0
1633	RTA00000413F.c.12.1	65334	1	0	0	0	0	0	0	0
1635	RTA00000418F.g.20.1	74626	1	0	0	0	0	0	0	0
1636	RTA00000413F.d.15.1	64943	1	0	0	0	0	0	0	0
1639	RTA00000412F.c.10.1	76372	1	0	0	0	0	0	0	0
1640	RTA00000122A.j.17.1	62736	1	0	0	0	0	0	0	0
1645	RTA00000418F.j.19.1	78399	1	0	0	0	0	0	0	0
1646	RTA00000137A.p.12.1	80614	1	0	0	0	0	0	0	0
1648	RTA00000418F.p.10.1	75323	1	0	0	0	0	0	0	0
1649	RTA00000408F.k.12.1	77246	1	0	0	0	0	0	0	0
1650	RTA00000137A.j.11.4	79752	1	0	0	0	0	0	0	0
1652	RTA00000419F.n.24.1	65995	1	0	0	0	0	0	0	0
1653	RTA00000418F.l.03.1	79058	1	0	0	0	0	0	0	0
1655	RTA00000419F.m.13.1	79052	1	0	0	0	0	0	0	0
1656	RTA00000418F.j.14.1	32623	1	1	0	0	0	0	0	0
1657	RTA00000403F.a.10.1	73952	1	0	0	0	0	0	0	0
1658	RTA00000420F.a.21.1	66241	1	0	0	0	0	0	0	0
1659	RTA00000127A.e.6.1	5885	4	2	0	0	0	0	0	0
1660	RTA00000405F.g.21.2	38966	2	0	0	0	0	0	0	0
1661	RTA00000405F.g.21.1	38966	2	0	0	0	0	0	0	0
1662	RTA00000419F.m.06.1	75749	1	0	0	0	0	0	0	0
1663	RTA00000423F.g.03.1	38007	2	0	0	0	0	0	0	0
1665	RTA00000418F.f.03.1	78911	1	0	0	0	0	0	0	0
1668	RTA00000120A.c.20.1	43235	1	1	0	0	0	1	0	0
1669	RTA00000138A.m.15.1	41603	1	1	0	0	0	0	0	0
1670	RTA00000408F.f.14.2	73024	1	0	0	0	0	0	0	0
1671	RTA00000418F.p.20.1	78023	1	0	0	0	0	0	0	0
1672	RTA00000423F.e.21.1	66961	1	0	0	0	0	0	0	0
1673	RTA00000419F.j.22.1	73525	1	0	0	0	0	0	0	0
1674	RTA00000410F.d.18.1	75458	1	0	0	0	0	0	0	0
1675	RTA00000403F.b.24.1	78838	1	0	0	0	0	0	0	0
1677	RTA00000410F.e.09.1	76093	1	0	0	0	0	0	0	0
1680	RTA00000353R.h.10.1	39498	2	0	0	0	0	0	0	0

SEQ ID	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
NO:										
1682	RTA00000411F.d.21.1	74794	1	0	0	0	0	0	0	0
1683	RTA00000340F.m.04.1	19406	2	1	0	0	0	0	0	0
1684	RTA00000411F.n.09.1	78962	1	0	0	0	0	0	0	0
1685	RTA00000127A.h.22.2	13155	2	3	0	0	0	0	0	0
1686	RTA00000420F.e.09.1	66325	1	0	0	0	0	0	0	0
1687	RTA00000405F.p.03.1	11346	3	3	0	0	0	0	0	0
1688	RTA00000419F.a.18.1	78484	1	0	0	0	0	0	0	0
1691	RTA00000121A.n.23.1	26981	2	0	0	0	0	0	0	0
1692	RTA00000121A.n.15.1	40849	1	1	0	0	0	0	0	0
1693	RTA00000403F.i.23.1	11364	4	2	0	0	0	0	0	0
1694	RTA00000405F.a.03.1	39065	2	0	0	0	0	0	0	0
1696	RTA00000419F.p.08.1	65560	1	0	0	0	0	0	0	0
1697	RTA00000126A.n.6.2	79917	1	0	0	0	0	0	0	0
1698	RTA00000413F.c.03.1	64527	1	0	0	1	0	0	0	0
1699	RTA00000422F.k.24.1	39118	2	0	0	0	0	0	0	0
1700	RTA00000412F.c.17.1	75620	1	0	0	0	0	0	0	0
1702	RTA00000347F.g.08.1	23121	3	0	0	0	0	0	0	0
1703	RTA00000419F.o.06.1	64643	1	0	0	0	0	0	0	0
1704	RTA00000340R.j.07.1	38954	2	0	0	0	0	0	0	0
1705	RTA00000423F.j.02.1	38617	2	0	0	0	0	0	0	0
1706	RTA00000419F.c.04.1	63749	1	0	0	0	0	0	0	0
1707	RTA00000411F.a.01.1	74524	1	0	0	0	0	0	0	0
1708	RTA00000406F.f.05.1	22961	2	1	0	0	0	0	1	0
1709	RTA00000410F.n.05.1	77830	1	0	0	0	0	0	0	0
1710	RTA00000404F.e.06.1	39315	2	0	0	0	0	0	0	0
1712	RTA00000411F.c.03.1	79280	1	0	0	0	0	0	0	0
1718	RTA00000405F.l.07.1	38636	2	0	0	0	0	0	0	0
1720	RTA00000411F.n.06.1	73886	1	0	0	0	0	0	0	0
1721	RTA00000422F.k.15.1	19253	2	0	0	0	0	0	0	0
1722	RTA00000406F.h.16.1	38618	2	0	0	0	0	0	0	0
1723	RTA00000419F.f.24.1	18717	1	1	0	0	0	0	0	0
1724	RTA00000411F.d.18.1	76063	1	0	0	0	0	0	0	0
1727	RTA00000408F.d.15.1	78467	1	0	0	0	0	0	0	0
1728	RTA00000339F.b.22.1	6867	7	3	0	0	0	0	0	0
1730	RTA00000411F.n.02.1	78049	1	0	0	0	0	0	0	0
1731	RTA00000419F.b.17.1	63261	1	0	0	0	0	0	0	0
1733	RTA00000130A.e.20.1	79502	1	0	0	0	0	0	0	0
1735	RTA00000411F.i.13.1	66138	1	0	0	0	0	0	0	0
1736	RTA00000420F.e.20.1	64762	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1737	RTA00000126A.p.23.2	80915	1	0	0	0	0	0	0	0
1739	RTA00000406F.g.08.1	37963	2	0	0	0	0	0	0	0
1740	RTA00000409F.a.08.1	74978	1	0	0	0	0	0	0	0
1741	RTA00000406F.d.24.1	37997	2	0	0	0	0	0	0	0
1744	RTA00000418F.i.12.1	78971	1	0	0	0	0	0	0	0
1745	RTA00000121A.h.19.1	80334	1	0	0	0	0	0	0	0
1746	RTA00000419F.b.10.1	78566	1	0	0	0	0	0	0	0
1747	RTA00000406F.m.10.1	38004	2	0	0	0	0	0	0	0
1748	RTA00000406F.o.05.1	37894	2	0	0	0	0	0	0	0
1749	RTA00000408F.b.04.2	39933	2	0	0	0	0	0	0	0
1750	RTA00000411F.k.04.1	65407	1	0	0	0	0	0	0	0
1752	RTA00000134A.l.9.1	81814	1	0	0	0	0	0	0	0
1754	RTA00000418F.k.04.1	75864	1	0	0	0	0	0	0	0
1757	RTA00000419F.p.18.1	63002	1	0	0	0	0	0	0	0
1759	RTA00000419F.a.24.1	79290	1	0	0	0	0	0	0	0
1761	RTA00000129A.e.14.1	80053	1	0	0	0	0	0	0	0
1762	RTA00000404F.a.01.1	19251	2	0	0	0	0	0	0	0
1765	RTA00000408F.n.16.2	73720	1	0	0	0	0	0	0	0
1769	RTA00000412F.l.14.1	62792	1	0	0	0	0	0	0	0
1770	RTA00000129A.b.6.2	39111	2	0	0	0	0	0	0	0
1771	RTA00000406F.n.12.1	37517	2	0	0	0	0	0	0	0
1772	RTA00000418F.e.03.1	73442	1	0	0	0	0	0	0	0
1774	RTA00000403F.g.03.1	23537	2	1	0	0	0	0	0	0
1775	RTA00000412F.p.06.1	65485	1	0	0	0	0	0	0	0
1776	RTA00000419F.b.21.1	65366	1	0	0	0	0	0	0	0
1779	RTA00000351R.j.16.1	64773	1	0	0	0	0	0	0	0
1781	RTA00000419F.f.18.1	64047	1	0	0	0	0	0	0	0
1782	RTA00000423F.i.16.1	38604	2	0	0	0	0	0	0	0
1784	RTA00000411F.f.04.1	64526	1	0	0	0	0	0	0	0
1785	RTA00000125A.c.17.1	80619	1	0	0	0	0	0	0	0
1786	RTA00000404F.g.08.1	38980	2	0	0	0	0	0	0	0
1787	RTA00000423F.c.13.1	39059	2	0	0	0	0	0	0	0
1790	RTA00000404F.k.15.1	18225	2	0	0	0	0	0	0	0
1792	RTA00000339F.l.12.1	7711	4	1	0	0	0	0	0	0
1793	RTA00000406F.b.01.1	39006	2	0	0	0	0	0	0	0
1794	RTA00000407F.c.08.1	37549	2	0	0	0	0	0	0	0
1796	RTA00000403F.b.05.1	74300	1	0	0	0	0	0	0	0
1800	RTA00000408F.j.05.2	73878	1	0	0	0	0	0	0	0
1802	RTA00000419F.c.14.1	65727	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1806	RTA00000346F.h.24.1	4379	9	2	0	0	0	0	0	0
1807	RTA00000420F.b.02.1	64013	1	0	0	0	0	0	0	0
1808	RTA00000413F.b.24.1	65117	1	0	0	0	0	0	0	0
1809	RTA00000412F.d.08.1	75328	1	0	0	0	0	0	0	0
1811	RTA00000419F.m.18.1	76014	1	0	0	0	0	0	0	0
1812	RTA00000419F.l.24.1	74628	1	0	0	0	0	0	0	0
1813	RTA00000408F.c.06.1	78619	1	0	0	0	0	0	0	0
1814	RTA00000405F.h.21.2	39072	2	0	0	0	0	0	0	0
1816	RTA00000405F.g.05.2	38987	2	0	0	0	0	0	0	0
1817	RTA00000411F.f.20.1	63501	1	0	0	0	0	0	0	0
1819	RTA00000420F.d.19.1	43146	1	1	0	0	0	0	0	0
1820	RTA00000195R.a.06.1	35265	2	0	1	0	0	0	0	0
1821	RTA00000123A.f.2.1	80379	1	0	0	0	0	0	0	0
1822	RTA00000411F.j.11.1	66154	1	0	0	0	0	0	0	0
1827	RTA00000419F.j.03.1	77578	1	0	0	0	0	0	0	0
1829	RTA00000423F.h.11.1	38977	2	0	0	0	0	0	0	0
1830	RTA00000413F.b.17.1	21704	1	2	0	0	0	0	0	0
1833	RTA00000423F.f.03.1	63852	1	0	0	0	0	0	0	0
1834	RTA00000419F.e.10.1	63225	1	0	0	0	0	0	0	0
1836	RTA00000403F.d.02.1	39224	2	0	0	0	0	0	0	0
1838	RTA00000418F.j.20.1	77101	1	0	0	0	0	0	0	0
1846	RTA00000356R.h.05.1	35052	2	0	1	0	0	0	0	0
1848	RTA00000340F.i.15.1	26815	1	0	0	0	0	0	0	0
1850	RTA00000345F.c.12.1	23824	2	1	0	0	0	0	0	0
1852	RTA00000412F.o.03.1	65039	1	0	0	0	0	0	0	0
1853	RTA00000409F.d.16.1	76090	1	0	0	0	0	0	0	0
1856	RTA00000408F.j.17.2	78935	1	0	0	0	0	0	0	0
1857	RTA00000126A.j.15.2	40425	2	0	0	0	0	0	0	0
1861	RTA00000410F.b.17.1	77458	1	0	0	0	0	0	0	0
1862	RTA00000419F.l.22.1	78444	1	0	0	0	0	0	0	0
1864	RTA00000422F.f.22.1	38703	2	0	0	0	0	0	0	0
1867	RTA00000418F.c.05.1	76475	1	0	0	0	0	0	0	0
1868	RTA00000418F.p.21.1	78068	1	0	0	0	0	0	0	0
1870	RTA00000340F.i.08.1	12005	2	1	0	0	0	0	0	0
1871	RTA00000410F.o.04.1	79018	1	0	0	0	0	0	0	0
1872	RTA00000411F.l.16.1	16122	1	3	0	0	0	0	0	0
1873	RTA00000411F.j.03.1	66263	1	0	0	0	0	0	0	0
1874	RTA00000126A.k.24.1	39428	2	0	0	0	0	0	0	0
1876	RTA00000120A.m.10.3	81376	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1877	RTA00000419F.f.16.1	64679	1	0	0	0	0	0	0	0
1878	RTA00000408F.c.23.1	42261	1	1	0	0	0	0	0	0
1881	RTA00000136A.h.6.1	81620	1	0	0	0	0	0	0	0
1886	RTA00000418F.e.20.1	73741	1	0	0	0	0	0	0	0
1888	RTA00000405F.l.03.1	38580	2	0	0	0	0	0	0	0
1889	RTA00000418F.m.02.1	74550	1	0	0	0	0	0	0	0
1891	RTA00000406F.c.05.1	22077	3	0	1	0	0	0	0	0
1893	RTA00000411F.k.21.1	65349	1	0	0	0	0	0	0	0
1897	RTA00000418F.i.06.1	75151	1	0	0	0	0	0	0	0
1898	RTA00000423F.a.03.1	26796	2	0	0	0	0	0	0	0
1900	RTA00000423F.k.21.2	37499	2	0	0	0	0	0	0	0
1902	RTA00000404F.c.18.1	38982	2	0	0	0	0	0	0	0
1905	RTA00000411F.g.24.1	65233	1	0	0	0	0	0	0	0
1907	RTA00000405F.m.07.1	37733	2	0	0	0	0	0	0	0
1908	RTA00000411F.j.07.1	66963	1	0	0	0	0	0	0	0
1910	RTA00000353R.h.04.1	17123	4	0	0	0	0	0	0	0
1911	RTA00000408F.f.10.2	75309	1	0	0	0	0	0	0	0
1913	RTA00000405F.o.03.1	37575	2	0	0	0	0	0	0	0
1914	RTA00000413F.b.18.1	39873	2	0	0	0	0	0	0	0
1920	RTA00000408F.c.08.1	73473	1	0	0	0	0	0	0	0
1922	RTA00000410F.c.06.1	77784	1	0	0	0	1	0	0	0
1924	RTA00000405F.b.08.1	39182	2	0	0	0	0	0	0	0
1925	RTA00000409F.l.24.1	73174	1	0	0	0	0	0	0	0
1926	RTA00000406F.j.06.1	38952	2	0	0	0	0	0	0	0
1927	RTA00000423F.h.03.1	37903	2	0	0	0	0	0	0	0
1929	RTA00000121A.k.22.1	79523	1	0	0	0	0	0	0	0
1931	RTA00000411F.m.06.1	24195	2	1	0	0	0	0	0	0
1932	RTA00000126A.b.9.1	81279	1	0	0	0	0	0	0	0
1935	RTA00000404F.l.05.1	38671	2	0	0	0	0	0	0	0
1941	RTA00000419F.p.10.1	41448	1	1	0	0	0	0	0	0
1942	RTA00000120A.c.19.1	81016	1	0	0	0	0	0	0	0
1948	RTA00000411F.k.14.1	63987	1	0	0	0	0	0	0	0
1949	RTA00000420F.e.05.1	63908	1	0	0	0	0	0	0	0
1952	RTA00000128A.j.10.1	80085	1	0	0	0	0	0	0	0
1953	RTA00000412F.f.10.2	65405	1	0	0	0	0	0	0	0
1955	RTA00000422F.k.17.1	38955	2	0	0	0	0	0	0	0
1957	RTA00000347F.h.10.1	22779	3	0	0	0	0	0	0	0
1959	RTA00000419F.l.02.1	75736	1	0	0	0	0	0	0	0
1961	RTA00000418F.b.20.1	73560	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1964	RTA00000408F.n.05.2	77883	1	0	0	0	0	0	0	0
1965	RTA00000419F.o.09.1	66396	1	0	0	0	0	0	0	0
1970	RTA00000422F.o.08.2	26832	2	0	0	0	0	0	0	0
1973	RTA00000418F.m.18.1	76479	1	0	0	0	0	0	0	0
1974	RTA00000347F.e.20.1	39911	2	0	0	0	0	0	0	0
1975	RTA00000419F.e.23.1	65772	1	0	0	0	0	0	0	0
1982	RTA00000411F.g.05.1	64664	1	0	0	0	0	0	0	0
1983	RTA00000404F.h.10.1	37148	2	0	0	0	0	0	0	0
1984	RTA00000422F.n.14.1	26787	2	0	0	0	0	0	0	0
1986	RTA00000120A.m.13.3	80608	1	0	0	0	0	0	0	0
1987	RTA00000412F.i.03.1	65617	1	0	0	0	0	0	0	0
1988	RTA00000418F.l.02.1	39316	2	0	0	0	0	0	0	0
1990	RTA00000411F.j.04.1	66219	1	0	0	0	0	0	0	0
1995	RTA00000404F.a.18.1	36267	2	0	0	0	0	0	0	0
1996	RTA00000408F.l.14.1	12001	2	3	0	0	0	0	0	0
1997	RTA00000405F.d.10.1	39000	2	0	0	0	0	0	0	0
1999	RTA00000418F.h.23.1	75153	1	0	0	0	0	0	0	0
2001	RTA00000418F.j.11.1	73853	1	0	0	0	0	0	0	0
2002	RTA00000408F.o.13.1	74895	1	0	0	0	0	0	0	0
2003	RTA00000419F.o.07.1	14059	1	0	0	0	0	0	0	0
2004	RTA00000419F.n.17.1	63186	1	0	0	0	0	0	0	0
2005	RTA00000403F.f.15.1	22768	3	0	0	0	0	0	0	0
2006	RTA00000408F.d.03.1	22768	3	0	0	0	0	0	0	0
2008	RTA00000346F.f.02.1	62757	1	0	0	0	0	0	0	0
2010	RTA00000413F.i.21.1	64066	1	0	0	0	0	0	0	0
2012	RTA00000419F.h.21.1	64828	1	0	0	0	0	0	0	0
2021	RTA00000121A.a.2.1	81843	1	0	0	0	0	0	0	0
2022	RTA00000527F.g.13.1	36035	2	0	0	0	0	0	0	0
2025	RTA00000426F.h.11.1	75479	1	0	0	0	0	0	0	0
2030	RTA00000522F.b.22.1	75181	1	0	0	0	0	0	0	0
2033	RTA00000522F.a.23.1	38613	2	0	0	0	0	0	0	0
2035	RTA00000523F.b.02.1	65163	1	0	0	0	0	0	0	0
2036	RTA00000425F.j.14.1	73397	1	0	0	0	0	0	0	0
2039	RTA00000522F.e.16.1	75283	1	0	0	0	0	0	0	0
2042	RTA00000523F.h.17.1	65586	1	0	0	0	0	0	0	0
2044	RTA00000522F.p.07.1	76888	1	0	0	0	0	0	0	0
2045	RTA00000522F.n.08.1	76343	1	0	0	0	0	0	0	0
2046	RTA00000425F.c.06.1	78041	1	0	0	0	0	0	0	0
2047	RTA00000427F.b.23.1	64297	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
2048	RTA00000527F.p.02.1	36844	2	0	0	0	0	0	0	0
2049	RTA00000427F.d.08.1	63967	1	0	0	0	0	0	0	0
2051	RTA00000426F.m.07.1	63504	1	0	0	0	0	0	0	0
2052	RTA00000427F.c.10.1	65478	1	0	0	0	0	0	0	0
2055	RTA00000424F.m.15.1	73759	1	0	0	0	0	0	0	0
2056	RTA00000426F.f.11.1	63102	1	0	0	0	0	0	0	0
2058	RTA00000426F.f.20.1	65134	1	0	0	0	0	0	0	0
2063	RTA00000527F.i.19.2	38089	2	0	0	0	0	0	0	0
2068	RTA00000523F.e.18.1	62898	1	0	0	0	0	0	0	0
2069	RTA00000527F.k.21.1	36051	2	0	0	0	0	0	0	0
2072	RTA00000522F.n.02.1	74959	1	0	0	0	0	0	0	0
2075	RTA00000425F.f.19.1	32635	1	1	0	0	0	0	0	0
2076	RTA00000528F.e.23.1	19242	3	0	0	0	0	0	0	0
2077	RTA00000522F.n.16.1	26769	1	0	0	0	0	0	0	0
2078	RTA00000427F.c.20.1	26527	1	0	0	0	0	0	0	0
2079	RTA00000527F.k.06.1	12469	3	1	0	0	0	0	0	0
2081	RTA00000523F.i.06.1	66341	1	0	0	0	0	0	0	0
2082	RTA00000427F.f.21.1	36853	2	0	0	0	0	0	0	0
2083	RTA00000427F.j.19.1	41395	1	1	0	0	0	0	0	0
2084	RTA00000522F.b.01.1	75691	1	0	0	0	0	0	0	0
2085	RTA00000424F.i.24.1	79101	1	0	0	0	0	0	0	0
2086	RTA00000523F.c.01.1	65710	1	0	0	0	0	0	0	0
2087	RTA00000427F.b.15.1	66891	1	0	0	0	0	0	0	0
2090	RTA00000522F.j.15.2	76535	1	0	0	0	0	0	0	0
2093	RTA00000426F.f.19.1	66701	1	0	1	0	0	0	0	0
2096	RTA00000523F.i.22.1	64688	1	0	0	0	0	0	0	0
2098	RTA00000425F.i.17.1	43213	1	1	0	0	0	0	0	0
2101	RTA00000425F.p.12.1	73219	1	0	0	0	0	0	0	0
2102	RTA00000427F.j.07.1	64819	1	0	0	0	0	0	0	0
2104	RTA00000527F.i.05.2	37481	2	0	0	0	0	0	0	0
2107	RTA00000523F.k.01.1	41437	1	1	0	0	0	0	0	0
2108	RTA00000425F.j.11.1	76667	1	0	0	0	0	0	0	0
2109	RTA00000424F.b.22.4	72971	1	0	0	0	0	0	0	0
2111	RTA00000525F.a.03.1	36786	2	0	0	0	0	0	0	0
2112	RTA00000527F.i.21.2	37490	2	0	0	0	0	0	0	0
2113	RTA00000424F.a.24.4	73951	1	0	0	0	0	0	0	0
2114	RTA00000522F.k.14.1	74280	1	0	0	0	0	0	0	0
2115	RTA00000522F.n.05.1	73260	1	0	0	0	0	0	0	0
2116	RTA00000523F.c.18.1	66179	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
2117	RTA00000523F.b.13.1	66330	1	0	0	0	0	0	0	0
2119	RTA00000527F.p.16.1	23798	2	1	0	0	0	0	0	0
2120	RTA00000425F.c.20.1	73581	1	0	0	0	0	0	0	0
2121	RTA00000424F.i.21.1	73482	1	0	0	0	0	0	0	0
2122	RTA00000523F.j.19.1	65910	1	0	0	0	0	0	0	0
2124	RTA00000424F.b.22.1	72971	1	0	0	0	0	0	0	0
2125	RTA00000527F.b.18.1	37469	2	0	0	0	0	0	0	0
2129	RTA00000525F.e.16.1	36837	2	0	0	0	0	0	0	0
2131	RTA00000522F.d.08.1	74284	1	0	0	0	0	0	0	0
2134	RTA00000527F.g.07.1	37488	2	0	0	0	0	0	0	0
2136	RTA00000525F.b.05.1	21116	2	1	0	0	0	0	0	0
2137	RTA00000425F.n.05.1	73965	1	0	0	0	0	0	0	0
2138	RTA00000523F.d.18.1	64072	1	0	0	0	0	0	0	0
2139	RTA00000525F.a.02.1	37454	2	0	0	0	0	0	0	0
2141	RTA00000426F.h.09.1	78797	1	0	0	0	0	0	0	0
2144	RTA00000427F.g.05.1	63138	1	0	0	0	0	0	0	0
2145	RTA00000424F.m.12.1	77675	1	0	0	0	0	0	0	0
2151	RTA00000427F.h.12.1	36894	2	0	0	0	0	0	0	0
2152	RTA00000523F.c.15.1	36935	2	0	0	0	0	0	0	0
2153	RTA00000427F.k.17.1	64965	1	0	0	0	0	0	0	0
2155	RTA00000424F.c.14.3	76614	1	0	0	0	0	0	0	0
2156	RTA00000522F.k.10.2	77619	1	0	0	0	0	0	0	0
2157	RTA00000424F.m.22.1	72943	1	0	0	0	0	0	0	0
2158	RTA00000527F.h.17.1	37799	2	0	0	0	0	0	0	0
2159	RTA00000527F.c.22.1	37496	2	0	0	0	0	0	0	0
2160	RTA00000425F.k.22.1	78123	1	0	0	0	0	0	0	0
2161	RTA00000424F.m.14.1	77491	1	0	0	0	0	0	0	0
2162	RTA00000522F.k.19.1	32625	1	1	0	0	0	0	0	0
2163	RTA00000523F.i.18.1	64463	1	0	0	0	0	0	0	0
2164	RTA00000425F.j.22.1	73882	1	0	0	0	0	0	0	0
2165	RTA00000527F.g.23.1	37538	2	0	0	0	0	0	0	0
2166	RTA00000426F.m.24.1	63943	1	0	0	0	0	0	0	0
2168	RTA00000425F.d.21.1	78920	1	0	0	0	0	0	0	0
2170	RTA00000424F.d.04.3	76505	1	0	0	0	0	0	0	0
2171	RTA00000424F.d.04.1	76505	1	0	0	0	0	0	0	0
2172	RTA00000427F.c.12.1	66995	1	0	0	0	0	0	0	0
2174	RTA00000527F.l.13.1	36904	2	0	0	0	0	0	0	0
2175	RTA00000522F.h.13.1	40823	1	1	0	0	0	0	0	0
2176	RTA00000424F.l.19.1	75454	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
2179	RTA00000427F.a.06.1	66550	1	0	0	0	0	0	0	0
2180	RTA00000525F.c.19.1	38159	2	0	0	0	0	0	0	0
2181	RTA00000523F.f.06.1	62871	1	0	0	0	0	0	0	0
2182	RTA00000424F.h.10.1	72925	1	0	0	0	0	0	0	0
2183	RTA00000522F.a.12.1	33515	1	1	0	0	0	0	0	0
2184	RTA00000522F.h.01.1	75010	1	0	0	0	0	0	0	0
2186	RTA00000425F.e.21.1	77203	1	0	0	0	0	0	0	0
2187	RTA00000523F.f.07.1	62799	1	0	0	0	0	0	0	0
2189	RTA00000424F.j.12.1	73827	1	0	0	0	0	0	0	0
2191	RTA00000523F.d.12.1	64888	1	0	0	0	0	0	0	0
2192	RTA00000523F.e.10.1	62878	1	0	0	0	0	0	0	0
2193	RTA00000425F.f.11.1	79275	1	0	0	0	0	0	0	0
2194	RTA00000426F.m.18.1	62974	1	0	0	0	0	0	0	0
2197	RTA00000522F.g.15.1	76536	1	0	0	0	0	0	0	0
2198	RTA00000522F.n.12.1	74117	1	0	0	0	0	0	0	0
2200	RTA00000424F.d.10.3	73110	1	0	0	0	0	0	0	0
2204	RTA00000527F.c.04.1	23090	3	0	0	0	0	0	0	0
2206	RTA00000527F.h.21.1	37630	2	0	0	0	0	0	0	0
2207	RTA00000425F.c.07.1	76042	1	0	0	0	0	0	0	0
2209	RTA00000525F.c.15.1	7692	2	0	0	0	0	0	0	0
2210	RTA00000424F.d.22.3	76189	1	0	0	0	0	0	0	0
2211	RTA00000523F.h.12.1	65745	1	0	0	0	0	0	0	0
2212	RTA00000522F.g.22.1	77504	1	0	0	0	0	0	0	0
2215	RTA00000522F.j.12.2	74341	1	0	0	0	0	0	0	0
2216	RTA00000523F.i.08.1	65099	1	0	0	0	0	0	0	0
2218	RTA00000425F.j.20.1	26760	1	0	0	0	0	0	0	0
2220	RTA00000427F.f.24.1	64572	1	0	0	0	0	0	0	0
2221	RTA00000527F.a.13.1	37740	2	0	0	0	0	0	0	0
2225	RTA00000424F.a.09.4	77833	1	0	0	0	0	0	0	0
2227	RTA00000525F.f.07.1	37500	2	0	0	0	0	0	0	0
2228	RTA00000424F.j.07.1	79211	1	0	0	0	0	0	0	0
2229	RTA00000424F.m.10.1	34251	1	1	0	0	0	0	0	0
2231	RTA00000522F.g.06.1	78221	1	0	0	0	0	0	0	0
2232	RTA00000424F.h.03.1	74447	1	0	0	0	0	0	0	0
2233	RTA00000424F.n.06.1	74737	1	0	0	0	0	0	0	0
2234	RTA00000427F.c.22.1	63990	1	0	0	0	0	0	0	0
2235	RTA00000424F.k.12.1	77666	1	0	0	0	0	0	0	0
2236	RTA00000425F.f.02.1	76982	1	0	0	0	0	0	0	0
2237	RTA00000427F.h.11.1	26494	1	0	0	0	0	0	0	0

SEQ ID	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
NO:										
2238	RTA00000425F.j.16.1	75631	1	0	0	0	0	0	0	0
2240	RTA00000427F.f.17.1	63803	1	0	0	0	0	0	0	0
2241	RTA00000522F.o.18.1	76366	1	0	0	0	0	0	0	0
2242	RTA00000427F.j.22.1	66367	1	0	0	0	0	0	0	0
2243	RTA00000426F.p.10.1	65845	1	0	0	0	0	0	0	0
2244	RTA00000522F.m.02.1	76834	1	0	0	0	0	0	0	0
2247	RTA00000425F.e.15.1	75921	1	0	0	0	0	0	0	0
2250	RTA00000424F.n.13.1	74942	1	0	0	0	0	0	0	0
2251	RTA00000424F.g.14.1	74879	1	0	0	0	0	0	0	0
2252	RTA00000426F.e.17.1	64089	1	0	0	0	0	0	0	0
2256	RTA00000427F.g.19.1	64611	1	0	0	0	0	0	0	0
2258	RTA00000522F.c.01.1	74938	1	0	0	0	0	0	0	0
2259	RTA00000522F.g.17.1	76486	1	0	0	0	0	0	0	0
2260	RTA00000523F.j.17.1	63610	1	0	0	0	0	0	0	0
2261	RTA00000522F.n.14.1	73410	1	0	0	0	0	0	1	0
2263	RTA00000523F.e.20.1	65164	1	0	0	0	0	0	0	0
2264	RTA00000424F.c.15.3	73533	1	0	0	0	0	0	0	0
2265	RTA00000426F.p.09.1	66665	1	0	0	0	0	0	0	0
2266	RTA00000522F.p.09.1	75204	1	0	0	0	0	0	0	0
2267	RTA00000426F.m.21.1	64915	1	0	0	0	0	0	0	0
2268	RTA00000425F.j.21.1	77373	1	0	0	0	0	0	0	0
2270	RTA00000523F.h.21.1	41440	1	1	0	0	0	0	0	0
2271	RTA00000427F.h.24.1	65193	1	0	0	0	0	0	0	0
2272	RTA00000425F.f.24.1	40841	1	1	0	0	0	0	0	0
2273	RTA00000425F.m.03.1	76045	1	0	0	0	0	0	0	0
2274	RTA00000426F.m.08.1	63781	1	0	0	0	0	0	0	0
2275	RTA00000523F.d.24.1	64799	1	0	0	0	0	0	0	0
2276	RTA00000523F.c.14.1	66015	1	0	0	0	0	0	0	0
2277	RTA00000523F.b.20.1	66492	1	0	0	0	0	0	0	0
2278	RTA00000522F.h.07.1	75149	1	0	0	0	0	0	0	0
2279	RTA00000527F.g.10.1	37820	2	0	0	0	0	0	0	0
2282	RTA00000427F.i.22.1	63199	1	0	0	0	0	0	0	0
2284	RTA00000527F.n.07.1	15939	2	2	0	0	0	0	0	0
2285	RTA00000425F.e.09.1	75550	1	0	0	0	0	0	0	0
2286	RTA00000427F.h.02.1	63652	1	0	0	0	0	0	0	0
2287	RTA00000426F.f.16.1	65613	1	0	0	0	0	0	0	0
2288	RTA00000425F.i.21.1	75305	1	0	0	0	0	0	0	0
2289	RTA00000427F.k.19.1	62851	1	0	0	0	0	0	0	0
2291	RTA00000426F.g.16.1	41446	1	1	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
2292	RTA00000527F.l.05.1	13016	4	0	0	1	1	0	0	0
2293	RTA00000426F.m.02.1	66237	1	0	0	0	0	0	0	0
2296	RTA00000522F.l.22.1	75801	1	0	0	0	0	0	0	0
2297	RTA00000427F.h.19.1	63047	1	0	0	0	0	0	0	0
2299	RTA00000522F.g.21.1	77310	1	0	0	0	0	0	0	0
2301	RTA00000522F.g.20.1	77688	1	0	0	0	0	0	0	0
2304	RTA00000425F.k.20.1	74048	1	0	0	0	0	0	0	0
2306	RTA00000522F.b.07.1	78634	1	0	0	0	0	0	0	0
2307	RTA00000426F.g.19.1	63672	1	0	0	0	0	0	0	0
2308	RTA00000525F.d.19.1	36860	2	0	0	0	0	0	0	0
2310	RTA00000427F.d.10.1	40685	1	1	0	0	0	0	0	0
2313	RTA00000424F.a.05.4	77976	1	0	0	0	0	0	0	0
2315	RTA00000424F.a.05.1	77976	1	0	0	0	0	0	0	0
2316	RTA00000522F.l.15.1	74691	1	0	0	0	0	0	0	0
2317	RTA00000425F.e.02.1	76143	1	0	0	0	0	0	0	0
2318	RTA00000525F.c.11.1	37895	2	0	0	0	0	0	0	0
2320	RTA00000522F.c.14.1	75449	1	0	0	0	0	0	0	0
2321	RTA00000424F.m.08.1	19402	1	2	0	0	0	0	0	0
2322	RTA00000527F.f.18.1	37577	2	0	0	0	0	0	0	0
2324	RTA00000522F.a.06.1	73662	1	0	0	0	0	0	0	0
2327	RTA00000522F.d.23.1	73868	1	0	0	0	0	0	0	0
2330	RTA00000523F.j.10.1	63384	1	0	0	0	0	0	0	0
2331	RTA00000527F.p.08.1	36013	2	0	0	0	0	0	0	0
2333	RTA00000426F.f.17.1	66334	1	0	0	0	0	0	0	0
2334	RTA00000523F.j.21.1	36925	2	0	0	0	0	0	0	0
2339	RTA00000523F.a.01.1	74923	1	0	0	0	0	0	0	0
2341	RTA00000427F.j.06.1	63676	1	0	0	0	0	0	0	0
2342	RTA00000424F.m.04.1	79017	1	0	0	0	0	0	0	0
2343	RTA00000523F.i.17.1	65779	1	0	0	0	0	0	0	0
2346	RTA00000525F.c.18.1	24208	2	1	0	0	0	0	0	0
2347	RTA00000527F.e.09.1	37521	2	0	0	0	0	0	0	0
2348	RTA00000424F.j.08.1	73972	1	0	0	0	0	0	0	0
2350	RTA00000527F.c.09.1	64859	1	0	0	0	0	0	0	0
2353	RTA00000523F.c.03.1	36913	2	0	0	0	0	0	0	0
2354	RTA00000427F.k.21.1	62880	1	0	0	0	0	0	0	0
2356	RTA00000427F.d.09.1	66486	1	0	0	0	0	0	0	0
2357	RTA00000426F.n.17.1	66572	1	0	0	0	0	0	0	0
2360	RTA00000426F.m.03.1	66480	1	0	0	0	0	0	0	0
2361	RTA00000424F.h.06.1	77552	1	0	0	0	0	0	0	0

SEQ ID	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
NO:										
2362	RTA00000425F.d.06.1	77660	1	0	0	0	0	0	0	0
2363	RTA00000427F.e.12.1	62813	1	0	0	0	0	0	0	0
2366	RTA00000426F.n.23.1	18176	1	0	0	0	0	0	0	0
2367	RTA00000522F.m.19.1	41544	1	1	0	0	0	0	0	0
2368	RTA00000522F.a.05.1	32611	1	1	0	0	0	0	0	0
2369	RTA00000427F.i.09.1	65916	1	0	0	0	0	0	0	0
2370	RTA00000424F.j.09.1	74387	1	0	0	0	0	0	0	0
2371	RTA00000424F.n.11.1	73874	1	0	0	0	0	0	0	0
2373	RTA00000527F.e.13.1	37588	2	0	0	0	0	0	0	0
2375	RTA00000425F.j.19.1	77925	1	0	0	0	0	0	0	0
2376	RTA00000522F.g.12.1	78783	1	0	0	0	0	0	0	0
2377	RTA00000523F.a.07.1	75804	1	0	0	0	0	0	0	0
2378	RTA00000425F.e.19.1	73409	1	0	0	0	0	0	0	0
2379	RTA00000425F.n.19.1	78324	1	0	0	0	0	0	0	0
2384	RTA00000427F.k.07.1	63742	1	0	0	0	0	0	0	0
2387	RTA00000522F.a.17.1	79032	1	0	0	0	0	0	0	0
2388	RTA00000527F.l.19.1	36856	2	0	0	0	0	0	0	0
2389	RTA00000424F.i.11.1	41569	1	1	0	0	0	0	0	0
2391	RTA00000424F.d.19.3	73180	1	0	0	0	0	0	0	0
2392	RTA00000522F.j.09.2	78522	1	0	0	0	0	0	0	0
2393	RTA00000424F.m.24.1	77045	1	0	0	0	0	0	0	0
2394	RTA00000522F.j.19.2	76224	1	0	0	0	0	0	0	0
2398	RTA00000527F.j.12.2	37503	2	0	0	0	0	0	0	0
2399	RTA00000522F.g.11.1	75432	1	0	0	0	0	0	0	0
2400	RTA00000522F.k.02.2	77622	1	0	0	0	0	0	0	0
2401	RTA00000427F.e.13.1	66080	1	0	0	0	0	0	0	0
2402	RTA00000426F.f.18.1	63271	1	0	0	0	0	0	0	0
2403	RTA00000427F.a.12.1	63377	1	0	0	0	0	0	0	0
2404	RTA00000424F.b.23.4	77322	1	0	0	0	0	0	0	0
2408	RTA00000427F.f.02.1	36822	2	0	0	0	0	0	0	0
2410	RTA00000424F.i.15.1	78043	1	0	0	0	0	0	0	0
2412	RTA00000522F.m.03.1	79194	1	0	0	0	0	0	0	0
2413	RTA00000522F.a.20.1	74070	1	0	0	0	0	0	0	0
2414	RTA00000424F.b.15.4	74958	1	0	0	0	0	0	0	0
2415	RTA00000527F.g.14.1	37532	2	0	0	0	0	0	0	0
2416	RTA00000522F.d.06.1	74809	1	0	0	0	0	0	0	0
2418	RTA00000427F.e.10.1	64599	1	0	0	0	0	0	0	0
2419	RTA00000527F.c.16.1	22908	3	0	0	0	0	0	0	0
2421	RTA00000523F.f.17.1	63984	1	0	0	0	0	0	0	0

SEQ ID	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
NO:										
2423	RTA00000527F.p.24.1	36832	2	0	0	0	0	0	0	0
2424	RTA00000425F.n.17.1	78304	1	0	0	0	0	0	0	0
2426	RTA00000425F.e.07.1	75992	1	0	0	0	0	0	0	0
2428	RTA00000523F.h.08.1	62893	1	0	0	0	0	0	0	0
2429	RTA00000522F.o.10.1	78798	1	0	0	0	0	0	0	0
2430	RTA00000425F.l.10.1	26893	1	0	0	0	0	0	0	0
2431	RTA00000427F.f.16.1	64122	1	0	0	0	0	0	0	0
2434	RTA00000425F.i.10.1	78736	1	0	0	0	0	0	0	0
2435	RTA00000426F.m.12.1	63740	1	0	0	0	0	0	0	0
2436	RTA00000527F.g.12.1	37746	2	0	0	0	0	0	0	0
2439	RTA00000425F.i.18.1	42255	1	1	0	0	0	0	0	0
2441	RTA00000424F.j.13.1	74485	1	0	0	0	0	0	0	0
2445	RTA00000424F.k.10.1	73232	1	0	0	0	0	0	0	0
2446	RTA00000522F.i.07.2	78377	1	0	0	0	0	0	0	0
2448	RTA00000522F.b.08.1	26915	1	0	0	0	0	0	0	0
2449	RTA00000522F.l.08.1	78781	1	0	0	0	0	0	0	0
2450	RTA00000525F.a.14.1	37566	2	0	0	0	0	0	0	0
2451	RTA00000424F.g.08.1	74928	1	0	0	0	0	0	0	0
2452	RTA00000425F.l.09.1	75251	1	0	0	0	0	0	0	0
2453	RTA00000522F.o.20.1	74853	1	0	0	0	0	0	0	0
2454	RTA00000527F.j.04.2	11809	3	1	0	0	0	0	0	0
2456	RTA00000523F.c.13.1	40668	1	1	0	0	0	0	0	0
2457	RTA00000427F.i.21.1	65540	1	0	0	0	0	0	0	0
2459	RTA00000522F.h.02.1	74947	1	0	0	0	0	0	0	0
2460	RTA00000522F.g.10.1	74294	1	0	0	0	0	0	0	0
2464	RTA00000425F.k.16.1	75282	1	0	0	0	0	0	0	0
2465	RTA00000525F.b.09.1	23472	2	1	0	0	0	0	0	0
2466	RTA00000522F.j.08.2	76613	1	0	0	0	0	0	0	0
2468	RTA00000523F.f.19.1	34169	1	1	0	0	0	0	0	0
2469	RTA00000425F.j.18.1	75561	1	0	0	0	0	1	0	0
2470	RTA00000426F.m.04.1	36865	2	0	0	0	0	0	0	0
2471	RTA00000527F.g.21.1	36028	2	0	0	0	0	0	0	0
2473	RTA00000525F.a.22.1	36848	2	0	0	0	0	0	0	0
2474	RTA00000522F.p.22.1	73322	1	0	0	0	0	0	0	0
2475	RTA00000424F.d.12.2	74342	1	0	0	0	0	0	0	0
2476	RTA00000424F.g.24.1	79156	1	0	0	0	0	0	0	0
2477	RTA00000427F.a.10.1	65370	1	0	0	0	0	0	0	0
2478	RTA00000426F.h.20.1	23187	3	0	0	0	0	0	0	0
2479	RTA00000424F.d.12.3	74342	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
2480	RTA00000425F.c.03.1	74643	1	0	0	0	0	0	0	0
2481	RTA00000523F.f.16.1	26522	1	0	0	0	0	0	0	0
2482	RTA00000427F.f.15.1	66734	1	0	0	0	0	0	0	0
2485	RTA00000522F.p.18.1	76376	1	0	0	0	0	0	0	0
2493	RTA00000522F.g.18.1	73226	1	0	0	0	0	0	0	0
2495	RTA00000522F.h.05.1	73358	1	0	0	0	0	0	0	0
2497	RTA00000425F.n.16.1	18265	1	0	0	0	0	0	0	0
2498	RTA00000527F.l.21.1	36439	2	0	0	0	0	0	0	0
2501	RTA00000424F.d.17.3	73958	1	0	0	0	0	0	0	0
2502	RTA00000523F.j.02.1	62853	1	0	0	0	0	0	0	0

Table 21. Clones Deposited on January 22, 1999

cDNA Library Ref No.	cDNA ES17	cDNA ES18	cDNA ES19
ATCC Accession No.	ATCC No.	ATCC No.	ATCC No.
Clone Names in Library	M00001368A:D07	M00001594A:D06	M00003906A:F04
	M00003917A:D02	M00001613D:H10	M00003908A:F12
	M00001673A:A04	M00001596D:E10	M00003914A:G09
	M00003868B:G11	M00001592C:G04	M00003915C:H04
	M00003917C:D03	M00001599D:A09	M00003905D:B08
	M00003791C:E09	M00001619B:A09	M00003908C:G09
	M00003870A:C05	M00001593B:E11	M00003914B:A11
	M00003922A:D02	M00001605A:E06	M00003916C:C05
	M00003861C:H02	M00001608A:D03	M00003959A:A03
	M00003931B:A11	M00001616C:A02	M00003905D:C08
	M00001679D:B05	M00001617A:D06	M00003908D:D12
	M00001679C:D05	M00001595C:E01	M00003901B:H04
	M00001687A:G01	M00001616C:A11	M00004031A:E01
	M00003945A:E09	M00001608C:E11	M00004029C:C12
	M00003908A:H09	M00001610C:E06	M00003911A:F10
	M00001649B:G12	M00001612B:D11	M00003914C:F09
	M00003813D:H12	M00001618B:E05	M00003963D:B05
	M00004087C:D03	M00001621C:C10	M00003986C:E09
	M00004269B:C08	M00001647A:H08	M00004031A:F07
	M00004348A:A02	M00001631D:B10	M00003907C:C02
	M00001679C:D01	M00001608D:E09	M00003911B:F08
	M00001490A:E11	M00001641B:C10	M00003914C:H05
	M00001387A:E10	M00001641D:E02	M00003918C:C12
	M00001397B:G03	M00001630D:H10	M00003914C:C02
	M00001441D:E04	M00001585C:D10	M00003914A:E04
	M00001352C:G09	M00001560A:H10	M00003903B:D03
	M00001370D:A12	M00001573B:C06	M00003905A:F09
	M00001387B:A06	M00001660C:D11	M00003867C:E11
	M00001397C:A10	M00001641C:C05	M00003870B:B08
	M00001536D:G02	M00001578B:B05	M00003879D:A08
	M00003895C:A10	M00001587C:C10	M00003891D:B10
	M00001464B:B03	M00001590B:C07	M00003901C:A08
	M00004370A:G05	M00001554A:E04	M00003903C:C04
	M00001490B:H11	M00001570C:G06	M00003905A:F10
	M00001530B:D10	M00001576A:B09	M00003906C:D06
	M00001579C:E09	M00001582A:H01	M00003907D:A12
	M00001587A:H03	M00001582B:E12	M00003905C:G11
	M00001457C:H12	M00001615B:F07	M00003914D:D10
	M00001535C:E01	M00001571C:A04	M00003972A:G09
	M00001561D:C05	M00001573D:D10	M00003975D:C06
	M00001589A:C01	M00001576A:F11	M00003905C:B02
	M00001664D:G07	M00001579C:G05	M00003907D:F11
	M00001565A:H09	M00001582D:A02	M00003914A:G06
	M00001381C:B08	M00001589B:E07	M00003914D:E03
	M00001395C:F11	M00001575B:B02	M00003972C:F08
	M00001429D:F11	M00001578C:G06	M00003976C:D06
	M00001449A:F01	M00001591A:B08	M00003907C:C04
	M00001391C:H02	M00001607A:F11	M00003905B:C06
	M00001429D:H12	M00001579C:E06	M00004088C:A12
	M00001450A:G11	M00001661C:F11	M00004103C:D04
	M00001344B:F12	M00001650B:C10	M00004107A:D01

cDNA Library Ref No. ATCC Accession No.	cDNA ES17 ATCC No.	cDNA ES18 ATCC No.	cDNA ES19 ATCC No.
	M00001391D:C06	M00001654C:E04	M00004110A:E04
	M00003971A:A06	M00001656B:A08	M00004062A:H06
	M00001346A:E04	M00001662C:B02	M00004075D:C10
	M00001455C:G07	M00001656B:D05	M00004081D:H09
	M00001402D:F02	M00001661C:F10	M00004089A:B08
	M00001438D:C06	M00001663A:C11	M00004103D:F10
	M00001349B:G05	M00001669A:C10	M00004107B:B04
	M00001389C:A08	M00001651B:B12	M00004032C:B02
	M00001439B:A10	M00001653B:E06	M00004078C:F04
	M00001455B:A09	M00001659C:F02	M00004038B:H10
	M00001441B:D11	M00001661B:F03	M00004089A:E02
	M00001453A:B01	M00001663C:F10	M00004096B:F05
	M00001456D:E08	M00001669A:G12	M00004104C:H12
	M00001399A:C03	M00001674D:C10	M00004110D:A10
	M00004496C:H03	M00001651B:E06	M00004036D:F02
	M00004135D:G02	M00001651C:C05	M00004088C:E04
	M00004692A:E07	M00001657C:C07	M00004104D:A04
	M00004374D:E10	M00001662A:C12	M00004107D:E12
	M00004405D:C04	M00001663D:C06	M00004115D:D08
	M00004312B:H07	M00001590B:C05	M00003846A:D03
	M00003976C:A10	M00001483C:G06	M00004072C:F08
	M00004043A:D02	M00001653A:G07	M00004039B:G08
	M00004081C:H06	M00001625B:C10	M00003986D:D02
	M00004050D:A06	M00001626C:D12	M00003914A:B07
	M00001361B:C07	M00001634D:D02	M00003914D:B02
	M00004341B:G03	M00001641C:C06	M00003971B:B07
	M00001342B:E01	M00001642D:F02	M00003978C:A03
	M00004064D:A11	M00001647B:E04	M00003983B:C08
	M00004087A:G08	M00001632B:E05	M00004033D:D07
	M00004344B:H04	M00001639A:C11	M00004072D:H12
	M00004497A:H03	M00001642D:G10	M00004077B:H11
	M00001338C:E10	M00001624A:G11	M00004080A:F01
	M00001366D:E12	M00001626C:G08	M00004092C:B03
	M00001390D:E03	M00001672D:D04	M00004037B:C04
	M00001413B:H09	M00001639A:H06	M00004073C:D04
	M00004271B:B06	M00001662C:A04	M00004081A:A08
	M0000151D:E03	M00001641B:B01	M00004085B:B05
	M00001660B:C04	M00001673C:A02	M00004090C:C07
	M00003802D:B11	M00001650A:A12	M00004086D:B09
	M00001579C:E08	M00001659D:D03	M00004088D:B03
	M00001557D:C08	M00001661B:B05	M00004090C:C10
	M00003779B:E12	M00001671D:E10	M00004102C:D09
	M00001638A:D10	M00001652D:A06	M00004105C:E09
	M00003794A:B03	M00001654C:D05	M00004035A:G10
	M00001616C:F07	M00001656A:B07	M00003906A:H07
	M00001679A:F01	M00001647B:C09	M00004083B:G03
	M00001604C:E09	M00001635A:C06	M00001675B:E02
	M00001653B:E09	M00001482D:A04	M00003793C:D09
	M00001585A:F07	M00001485C:B10	M00003762B:H09
	M00003811D:A12	M00001457D:A07	M00001694C:F12
	M00001653C:F12	M00001461A:E05	M00001678D:C11
	M00001679D:F06	M00001477A:G07	M00001677D:B07

cDNA Library Ref No. ATCC Accession No.	cDNA ES17 ATCC No.	cDNA ES18 ATCC No.	cDNA ES19 ATCC No.
	M00003751D:B02	M00001479D:H03	M00001677B:A02
	M00003801A:B10	M00001482C:D02	M00001675B:H03
	M00003844C:A08	M00001484D:G05	M00003808D:D04
	M00001636C:C01	M00001459B:D03	M00003752B:C02
	M00001669C:B01	M00001464B:C11	M00003819D:B11
	M00003755A:A09	M00001511A:A05	M00001677D:B02
	M00003798D:H08	M00001477B:C02	M00001694C:G04
	M00001444C:D05	M00001471A:D04	M00003789C:F06
	M00004040B:F10	M00001485C:H10	M00001678C:C06
	M00001355A:C12	M00001485D:E05	M00001675B:D02
	M00001401A:H07	M00001487C:G03	M00003750C:H05
	M00001393B:B09	M00001514A:B04	M00001694A:B12
	M00001409D:F11	M00001530C:G10	M00001677B:H06
	M00001387B:H07	M00001534A:G06	M00001675C:G01
	M00001394C:C11	M00001539A:C12	M00001675B:C01
	M00001344A:H07	M00001547A:F11	M00003857B:F07
	M00001490C:D07	M00001550D:A04	M00003812B:D07
	M00001352C:F06	M00001460A:F07	M00001694B:B08
	M00001476D:G03	M00001472C:A01	M00001677B:E06
	M00001399C:D09	M00001481B:A07	M00004037A:E04
	M00001347C:G08	M00001456D:F05	M00003870A:H01
	M00001453D:G12	M00001456D:G11	M00003842C:D11
	M00001382A:F04	M00001477D:F10	M00003828B:F09
	M00001392D:H04	M00001481A:G06	M00003856C:H09
	M00001429C:G12	M00001464A:B03	M00003851A:C10
	M00001454A:C11	M00001469A:G11	M00003841C:E04
	M00001517B:G08	M00001478B:D07	M00003837C:G08
	M00001535A:D02	M00001473A:C11	M00003828B:E07
	M00001352A:E12	M00001457A:G03	M00003772C:B12
	M00001381B:F06	M00001669B:G02	M00001677D:F03
	M00004117A:D11	M00001479D:G06	M00001678B:B12
	M00004217C:D03	M00001473D:B11	M00001678D:G03
	M00004270A:F11	M00001475A:A12	M00001675C:F01
	M00003996A:A06	M00001460A:G07	M00003809A:H04
	M00004056B:D09	M00001464A:D03	M00003771D:G05
	M00004142A:B12	M00001473D:G01	M00001678A:F05
	M00001396D:B03	M00001476D:C05	M00001677B:B06
	M00001370D:E12	M00001484A:A10	M00003794A:E12
	M00001390C:C11	M00001457C:F02	M00003771B:E05
	M00003989A:H11	M00001459B:A12	M00001678A:A11
	M00001426A:A09	M00001464A:E07	M00003805B:C04
	M00004498D:D05	M00001467A:B03	M00001680B:E10
	M00001391B:G12	M00001514A:B08	M00001679B:H07
	M00001391D:D10	M00001464A:B07	M00003904D:B12
	M00001376B:A02	M00001579A:C03	M00003856C:B08
	M00001405B:D07	M00001517A:G08	M00003858D:G06
	M00001368A:A03	M00001530B:G09	M00003870B:F04
	M00001392D:B11	M00001538A:F12	M00003871C:B05
	M00003900D:B10	M00001540C:B03	M00003875A:C04
	M00001494B:C01	M00001547A:F06	M00003901B:A09
	M00001352C:A05	M00001550A:F07	M00003901C:D03
	M00001408B:G06	M00001567B:G11	M00003904C:B06

cDNA Library Ref No. ATCC Accession No.	cDNA ES17 ATCC No.	cDNA ES18 ATCC No.	cDNA ES19 ATCC No.
	M00004252C:E03	M00001572A:A10	M00003901C:F09
	M00003901C:A03	M00001575B:G01	M00003904D:B10
	M00004071D:A10	M00001487D:C11	M00003850D:H11
	M00001377B:H01	M00001577B:A03	M00003902B:D06
	M00003939A:A02	M00001539D:E10	M00003879A:C01
	M00004250D:D10	M00001587A:F05	M00003877D:G05
	M00004290A:B03	M00001560A:F03	M00003881D:C12
	M00003911D:B04	M00001569B:G11	M00003903A:H09
	M00004128B:G01	M00001573A:A06	M00003905A:A06
	M00004142A:D08	M00001575D:A10	M00003875D:D09
	M00003977A:E04	M00001583A:D01	M00003879B:A06
	M00004236C:D10	M00001587A:F08	M00003823D:G05
	M00004388B:A08	M00001590B:B02	M00003763A:C01
	M00004409B:A11	M00001553A:E07	M00003903B:C02
	M00003965A:B11	M00001560A:H06	M00003905A:E07
	M00003988A:E10	M00001589C:A11	M00003867A:D12
	M00004138A:H09	M00001538A:C08	M00003857C:C09
	M00003933C:D06	M00001531A:H03	M00003829C:D10
	M00004193C:G11	M00001548A:G01	M00003839D:E02
	M00004039C:C01	M00001531A:H07	M00003841C:F03
	M00003924B:D04	M00001542A:E04	M00003903D:C06
	M00004375C:D01	M00001487A:F10	M00003852D:E08
		M00001503C:G05	M00003845D:A09
		M00001511A:G08	M00003824A:G10
		M00001539A:H12	M00003841C:F06
		M00001542A:F06	M00003848A:C09
		M00001549A:F01	M00003857C:F11
		M00001514A:A12	M00003816C:C01
		M00001516A:D05	M00003843A:E08
		M00001546C:C07	M00003850A:F06
		M00001549A:H11	M00003813B:A11
		M00001538A:D03	M00003855C:F10
		M00001544A:C09	M00003850D:B05
		M00001546B:F12	M00003841D:F06
		M00001550A:D09	M00003858B:G05
		M00001487B:F02	M00003854D:A12
		M00001513A:G07	M00003857C:G01
		M00001530A:F12	M00003816C:E09
		M00001538A:D12	M00003813A:G04
		M00001587A:G06	M00003850D:A05
		M00001551A:D04	
		M00001485B:C03	

Table 22. Clones Deposited on January 22, 1999

cDNA Ref No.; ATCC Accession No. Clone Names in Library	cDNA Ref ES20 ATCC No.	cDNA Ref No. ES27 ATCC No.	cDNA Ref ES28 ATCC No.
	M00004891D:A07	M00001623B:G07	M00001550D:H02
	M00004118B:C11	M00001619D:G05	M00001549C:D02
	M00004105A:B10	M00001616C:C09	M00001549A:A09
	M00004099A:F11	M00001615C:F03	M00001548A:B11
	M00004037C:D07	M00001614D:D09	M00001546C:G10
	M00004033D:C05	M00001608B:A03	M00001544C:C06
	M00003983D:A09	M00001607D:F07	M00003820B:C05
	M00004029B:H08	M00001623D:C10	M00001543A:H12
	M00004927A:A02	M00001599B:E09	M00001540C:B10
	M00003983C:F10	M00001632C:C09	M00001552B:G05
	M00003980B:C06	M00001605C:D12	M00001543C:F01
	M00004033D:B07	M00001625D:C07	M00001552D:G08
	M00004034C:E08	M00001629B:E06	M00001554B:B07
	M00005100B:H07	M00001594A:B12	M00001555A:B01
	M00005136A:D10	M00001632C:A02	M00001557A:F01
	M00005173D:H02	M00001567C:H12	M00001558A:E11
	M00004891D:C11	M00001635C:A03	M00001561C:E11
	M00004101A:F07	M00001636C:H09	M00001571D:B11
	M00003982B:B06	M00001638A:E07	M00001563B:D11
	M00004108C:E01	M00001639A:F10	M00001569C:B06
	M00005136D:B07	M00001656C:G08	M00001539B:H06
	M00004118D:A11	M00001632A:F12	M00001571B:E03
	M00005102C:C01	M00001557A:D02	M00001561D:C11
	M00005177C:A01	M00001529B:C04	M00001487C:D06
	M00004927C:H11	M00001534B:C12	M00001454B:D08
	M00005174D:B02	M00001535D:C01	M00003772D:E10
	M00004027A:D06	M00001536D:A12	M00001573C:D03
	M00005217A:G10	M00001540B:C09	M00001454D:E05
	M00003984A:B06	M00001540D:D02	M00001455D:F09
	M00003851C:D07	M00001541C:B07	M00001457C:C11
	M00003959C:G06	M00001546B:B02	M00001459B:C09
	M00005100B:G11	M00001575B:C09	M00001460A:E01
	M00005213C:G01	M00001554B:C07	M00001460C:H02
	M00003982B:H07	M00001578D:C04	M00001456A:H02
	M00004029C:B03	M00001557C:H07	M00001477B:F04
	M00004033D:G06	M00001558B:D08	M00003845D:B04
	M00004091B:H09	M00001560D:A03	M00001488A:E01
	M00003959D:A04	M00001561C:F06	M00001492D:A11
	M00004030D:B06	M00001564D:C09	M00001496C:G10
	M00004034C:C06	M00003748B:F02	M00001499A:A05
	M00004030C:D12	M00001570D:A03	M00001500A:B02
	M00003982C:H10	M00001660C:B12	M00001500D:E10
	M00003971C:F09	M00001577B:H02	M00001513D:A03
	M00004031B:A06	M00001548A:A08	M00001528A:C11
	M00003966B:D02	M00003868B:D12	M00001528C:H04
	M00004028B:G08	M00001718D:F07	M00001531B:E09
	M00004031C:H10	M00003829C:A11	M00001463A:F06
	M00004076D:B09	M00003832B:E01	M00003755A:B03

cDNA Ref No.; ATCC Accession No.	cDNA Ref ES20 ATCC No.	cDNA Ref No. ES27 ATCC No.	cDNA Ref ES28 ATCC No.
	M00004092D:B11	M00003842B:D09	M00001653B:G07
	M00003981C:F05	M00003845A:H12	M00001654D:G11
	M00004031D:F05	M00003847B:G03	M00001656B:A07
	M00004097B:D03	M00003847C:E09	M00001664B:D06
	M00003986D:G07	M00003853D:G08	M00001664C:H10
	M00004033B:C02	M00003828A:E04	M00001680B:C01
	M00004037B:A04	M00003867C:H09	M00001681A:F03
	M00004092C:B12	M00003822A:F02	M00001684B:G03
	M00005140D:G09	M00003868C:H10	M00001771A:A07
	M00004897D:G05	M00003871A:A05	M00003774C:D02
	M00004960B:D12	M00003879C:G10	M00003754D:D02
	M00005134C:G04	M00003880C:F10	M00001640B:F03
	M00005139A:F01	M00003881D:D06	M00003763B:H01
	M00005176A:C12	M00003884D:G07	M00003812C:A05
	M00005178A:A07	M00003887A:A06	M00003803C:D09
	M00005212A:A02	M00003889A:D10	M00003801B:B10
	M00005229D:H07	M00003889D:B09	M00003798D:E03
	M00004115C:H04	M00003858D:F12	M00003773B:G01
	M00004687A:C03	M00003774B:B08	M00003771A:G10
	M00004900C:E11	M00001680D:D02	M00001452A:E07
	M00004695B:E04	M00001528A:F09	M00004029B:F11
	M00005134D:A06	M00003748A:B07	M00003751B:A05
	M00004103B:B07	M00001655A:F06	M00001609B:A11
	M00005177A:B06	M00003750A:D01	M00001573D:F10
	M00005178A:A08	M00003761D:E02	M00001579C:B11
	M00004104D:B05	M00003763D:E10	M00001579C:H10
	M00004117B:G01	M00003768A:E02	M00001579D:G07
	M00004900D:B10	M00003829B:G03	M00001583B:E10
	M00005134D:H03	M00003772A:D07	M00001586D:E02
	M00005173C:A02	M00001661B:C08	M00001587D:A10
	M00005177A:H09	M00003778A:D08	M00001589A:D12
	M00005178B:H01	M00003799A:D09	M00001590C:H08
	M00005216C:B09	M00003800A:C09	M00001651B:A11
	M00003826B:E11	M00003804A:H04	M00001597A:E12
	M00001596A:G06	M00003806D:G05	M00001649C:B10
	M00005100B:D02	M00003808C:B05	M00001614A:E06
	M00005137A:E01	M00003811A:E03	M00001615C:D02
	M00004119A:A06	M00003815D:H09	M00001621D:D03
	M00004891D:E07	M00003818B:G12	M00001623D:G03
	M00004958B:D01	M00003769B:D03	M00001624A:F09
	M00005102C:F09	M00001390A:A09	M00001624C:A06
	M00005136D:C01	M00001432A:E06	M00001630B:A11
	M00005174D:H02	M00001381A:D02	M00001634B:C10
	M00005177C:B04	M00001383A:G04	M00001639D:B07
	M00005218B:D09	M00001384C:E03	M00001573D:F04
	M00004102C:F03	M00001384C:F12	M00001595B:A09
	M00004114B:D09	M00001384D:H07	M00004156B:A12
	M00004119D:A07	M00001385B:F10	M00004319D:G09
	M00004895C:G05	M00001385C:H11	M00004096A:G02
	M00004235A:A12	M00001386A:C02	M00004101C:G08

cDNA Ref No.; ATCC Accession No.	cDNA Ref ES20 ATCC No.	cDNA Ref No. ES27 ATCC No.	cDNA Ref ES28 ATCC No.
M00005134B:E01	M00004115C:G03	M00001372C:F07	M00004102A:H02
M00005175B:H04	M00005214B:D11	M00001389D:G11	M00004108A:A09
M00004102D:B05	M00004115A:B12	M00001371D:G01	M00004111D:D11
M00004119D:H06	M00004897D:F03	M00001392C:D10	M00004115D:C08
M00004960B:A09	M00005134C:E11	M00001392D:H06	M00004118D:E08
M00005138B:D12	M00005176A:A05	M00001397B:B09	M00004121C:F06
M00005214C:A09	M00005217D:F12	M00001398A:G03	M00004131B:H09
M00004102C:D01	M00005233A:G08	M00001400A:F06	M00004141D:A09
M00004960B:A08	M00005236B:F10	M00001410B:G05	M00004090A:F09
M00001476D:A09	M00005259B:C01	M00001413A:F02	M00004146A:C08
M00001572A:B06	M00005254D:B08	M00001415B:E09	M00004078B:A11
M00005217D:F12	M00005259C:B05	M00001425A:C11	M00004176B:E08
M00005233A:G08	M00001575A:D06	M00001386A:D11	M00004188C:A09
M00005236B:F10	M00005259D:H08	M00001354C:B06	M00004233C:H09
M00005259B:C01	M00003813C:D08	M00001339D:G02	M00004241D:F11
M00005254D:B08	M00001530D:E06	M00001660A:C12	M00004246C:A09
M00005259C:B05	M00004891B:B12	M00001528A:A01	M00004247C:C12
M00001575A:D06	M00001596B:C11	M00001343D:C04	M00004248B:E08
M00005259D:H08	M00004300C:H09	M00001347B:E01	M00004257C:H06
M00003813C:D08	M00001486D:D12	M00001348A:D04	M00004260D:C12
M00001530D:E06	M00001585D:F03	M00001349C:C05	M00004295B:D02
M00004891B:B12	M00001596B:D09	M00001350A:D06	M00004040D:F01
M00001596B:C11	M00001570D:E06	M00001352D:C05	M00004142D:E10
M00004300C:H09	M00001582C:E01	M00001380C:E05	M00003853D:D03
M00001486D:D12	M00001586C:E06	M00001354B:B10	M00003860D:H07
M00001585D:F03	M00001593B:D10	M00001380C:F02	M00003878C:E04
M00001596B:D09	M00001595C:H11	M00001354C:C10	M00003879A:G05
M00001570D:E06	M00001596B:H05	M00001355B:G11	M00003880B:C08
M00001582C:E01	M00001576A:C11	M00001356D:F06	M00003881A:D09
M00001586C:E06	M00001596C:F09	M00001360D:E11	M00003881C:G09
M00001593B:D10	M00001567A:H05	M00001361C:H11	M00003901B:A05
M00001595C:H11	M00001585D:D11	M00001362C:A10	M00003904D:D10
M00001596B:H05	M00004688A:A02	M00001363C:H02	M00003905C:G10
M00001576A:C11	M00004927A:E06	M00001366D:G02	M00003906B:F12
M00001596C:F09	M00005229D:H09	M00001369A:H12	M00003909A:H04
M00001567A:H05	M00004117B:A12	M00001352D:D02	M00004091B:D11
M00001585D:D11	M00004187D:G09	M00001485D:B10	M00003963A:E03
M00004688A:A02	M00005173B:F01	M00001457B:E03	M00004353C:H07
M00004927A:E06	M00005218A:G05	M00001457C:C12	M00003919A:A10
M00005229D:H09		M00001458C:E01	M00003938A:B04
M00004117B:A12		M00001462B:A10	M00003939C:F04
M00004187D:G09		M00001464D:F06	M00003946D:C11
M00005173B:F01		M00001467D:H05	M00003979A:F03
M00005218A:G05		M00001468B:H06	M00003985C:F01
		M00001505C:H01	M00003997B:G07
		M00001470A:H01	M00003860D:A01
		M00001457A:B07	M00004035A:A04
		M00001479B:A01	M00004042D:H02
		M00001469D:D02	M00004073B:B01
		M00001487A:A05	M00003946A:H10

cDNA Ref No.: ATCC Accession No.	cDNA Ref ES20 ATCC No.	cDNA Ref No. ES27 ATCC No.	cDNA Ref ES28 ATCC No.
	M00004118A:H08	M00001352C:H02	M00001423D:A09
	M00005134A:D11	M00001488D:C10	M00004314B:G07
	M00005176C:C09	M00001490C:C12	M00001405D:D11
	M00005230D:F06	M00001493B:D09	M00001408A:H04
	M00005234D:B04	M00001504D:D11	M00001408D:D04
	M00005101C:E09	M00001376B:C06	M00001411D:F05
	M00004206A:E02	M00001506B:D09	M00001412A:E04
	M00001570C:A05	M00001511B:C06	M00001413A:F03
	M00005231A:H04	M00001476B:F10	M00001417B:C04
	M00005235A:A03	M00001450D:D04	M00001417D:A04
	M00004118B:B04	M00001433A:G07	M00001418B:F07
	M00005136D:D06	M00001470C:B10	M00001419D:C10
	M00005231C:B01	M00001437D:C04	M00001402B:F12
	M00004153B:B03	M00001447C:C01	M00001423A:G05
	M00004897C:D06	M00001448B:F06	M00001401C:H03
	M00005136D:G06	M00001449D:A06	M00001423D:D12
	M00005212B:A02	M00001433B:H11	M00001424B:H04
	M00005232A:C10	M00001451D:C10	M00001428B:A09
	M00004692A:H10	M00001452A:C07	M00001430A:A02
	M00005101C:B09	M00001453C:A11	M00001432D:F05
	M00004144A:F04	M00001456B:C09	M00001438B:B09
	M00003852B:D11	M00001454B:G03	M00001445B:E04
	M00001660D:E05	M00001454B:G07	M00001445C:A08
	M00003808A:F09	M00001454C:C08	M00001446C:D09
	M00001656A:D10	M00001454C:F02	M00001448A:G09
	M00001671A:H06	M00001454D:D06	M00001449C:H12
	M00003809C:H07	M00001456B:F10	M00001422C:F12
	M00003853C:C06	M00001455D:A09	M00001352C:H10
	M00003860A:A08	M00001455D:A11	M00004375A:H01
	M00003822B:D08	M00001448D:F09	M00004380B:A05
	M00003845A:E12		M00004444B:D11
	M00003854C:C02		M00001338B:E02
	M00003860B:G09		M00001341A:F12
	M00003822B:G01		M00001344A:G07
	M00001670A:C11		M00001345A:G11
	M00003852A:B03		M00001345B:E10
	M00003829D:A11		M00001345C:B01
	M00003854C:F01		M00001346B:B07
	M00003856B:C04		M00001405B:E09
	M00003905A:H11		M00001352B:F04
	M00001530A:F11		M00001451C:E01
	M00003840B:E07		M00001361A:H07
	M00003905B:G03		M00001362B:H06
	M00003840B:E08		M00001372C:G12
	M00003855A:C12		M00001375B:G12
	M00003905B:H05		M00001376A:C05
	M00003826B:B04		M00001376B:A08
	M00003851C:B06		M00001377C:E12
	M00003853B:C08		M00001382B:F12
	M00003829A:F03		M00001385A:F12

cDNA Ref No.:
ATCC Accession No.

cDNA Ref ES20
ATCC No.
M00001638C:G01
M00003845D:B02
M00001653D:G07
M00001578B:A02
M00001590B:H10
M00001595C:A09
M00001596A:E07
M00001607A:B06
M00001607A:D10
M00001652C:B09
M00001671B:F02
M00001632C:D08
M00001638C:H07
M00001652D:B09
M00001614C:E11
M00001633B:B11
M00001651C:A04
M00001639D:G12
M00001671C:F11
M00001638A:B04
M00001637C:H12
M00001669B:H06
M00001639D:F02
M00001590A:C08
M00001636A:C02
M00001614A:A04
M00001639D:G06

cDNA Ref No. ES27
ATCC No.

cDNA Ref ES28
ATCC No.
M00001394A:E04
M00001395A:C09
M00001396A:H03
M00001350B:G11

Table 23. Library Deposited on January 22, 1999

cDNA Ref No.;	cDNA Library Ref ES29	cDNA Library Ref ES30
ATCC Accession No.	ATCC No.	ATCC No.
Clone Names in	M00001449D:B01	M00001594D:B08
Library	M00001476D:F03	M00001593A:B07
	M00001456C:B12	M00001594A:C01
	M00001469B:B01	M00001594A:D08
	M00001471A:B04	M00001594A:G09
	M00001472A:D08	M00001595C:B05
	M00001473A:A07	M00001594B:F12
	M00001473C:D09	M00001596D:E03
	M00001475B:C04	M00001594D:C03
	M00001475C:G11	M00001592C:F11
	M00001476A:D11	M00001590D:G07
	M00001476B:D10	M00001595D:A04
	M00001468A:C05	M00001595D:G03
	M00001476C:C11	M00001601A:A06
	M00001467A:H07	M00001590C:F10
	M00001477B:E02	M00001589B:B08
	M00001478B:H08	M00001589C:E06
	M00001479C:E01	M00001611B:A05
	M00001480A:D03	M00001601A:E02
	M00001480C:A05	M00001587A:D01
	M00001481A:H08	M00001591B:B12
	M00001481B:D09	M00001590B:G08
	M00001482A:H05	M00001592C:E05
	M00001482D:H11	M00001591B:B06
	M00001483C:G09	M00001591D:C07
	M00001485A:C05	M00001591D:F06
	M00001476B:F08	M00001592A:E02
	M00001460A:E11	M00001592A:H05
	M00001456C:C11	M00001592B:A04
	M00001457A:C05	M00001587A:B10
	M00001457A:G12	M00001609D:G10
	M00001458A:A11	M00005231D:B09
	M00001458C:D10	M00001614B:E08
	M00001458D:A01	M00005217C:C01
	M00001458D:A02	M00001587A:B01
	M00001458D:C11	M00001613D:B03
	M00001458D:D01	M00001613A:F03
	M00001459B:C11	M00001611C:H11
	M00001468A:H10	M00001611C:C12
	M00001460A:C10	M00001611B:E06
	M00001485B:F05	M00001611B:A09
	M00001460A:H11	M00001610D:D05
	M00001461A:F05	M00001610B:C07
	M00001462A:D03	M00001610C:E07
	M00001464A:B02	M00001610A:E09
	M00001464A:E10	M00001601A:E12
	M00001465A:B12	M00001609B:C09
	M00001465A:C12	M00001608D:D11
	M00001465A:E10	M00001608B:A09

cDNA Ref No.; ATCC Accession No.	cDNA Library Ref ES29 ATCC No.	cDNA Library Ref ES30 ATCC No.
	M00001465A:G06	M00001607D:F06
	M00001466A:F08	M00001607B:C05
	M00001467A:C10	M00001606A:H09
	M00001460A:B12	M00001605A:H03
	M00001545A:B12	M00001605A:E09
	M00001535A:D10	M00001605A:A06
	M00001536A:F11	M00001604A:C11
	M00001537A:H05	M00001604A:C07
	M00001539A:E01	M00001604A:B08
	M00001539A:H02	M00001604A:A09
	M00001539B:G07	M00001610A:H05
	M00001539D:B10	M00005214B:A06
	M00001540D:E02	M00005228A:A09
	M00001541B:E05	M00001567A:B09
	M00001542A:G12	M00001561A:D01
	M00001485B:D09	M00001559A:C08
	M00001545A:B10	M00001559A:A11
	M00001533A:G05	M00001558A:G09
	M00001545A:F02	M00001555A:B12
	M00001545A:G05	M00001554A:A08
	M00001546A:D08	M00001552A:H10
	M00001548A:H04	M00001552A:F06
	M00001550A:E07	M00005231C:B07
	M00001551A:A11	M00005218D:G10
	M00001551A:D06	M00001570A:H01
	M00001551A:H06	M00005214D:D10
	M00001551D:H07	M00001570C:G03
	M00001552A:E10	M00005213C:A01
	M00001450A:B08	M00005212D:F08
	M00001544A:F05	M00005212A:D10
	M00001512A:G05	M00005211C:E09
	M00001483B:D04	M00005211A:E09
	M00001485B:H03	M00005210D:C09
	M00001485C:C08	M00005179D:B03
	M00001486B:D07	M00005179B:H02
	M00001486B:E12	M00005177D:F09
	M00001487B:A11	M00005177C:G04
	M00001487B:E10	M00005177B:H02
	M00001507A:A11	M00001614D:B08
	M00001507A:B02	M00001615A:D06
	M00001507A:C05	M00005216B:D02
	M00001507A:E04	M00001579C:A01
	M00001534A:D03	M00001585B:C03
	M00001511A:G01	M00001585B:A06
	M00001533D:A08	M00001584D:H02
	M00001513A:F05	M00001584A:G03
	M00001514A:G03	M00001583D:B08
	M00001516A:D02	M00001583B:F02
	M00001516A:F06	M00001583A:F07
	M00001517A:B11	M00001583A:A05

cDNA Ref No.: ATCC Accession No.	cDNA Library Ref ES29 ATCC No.	cDNA Library Ref ES30 ATCC No.
	M00001529D:C05	M00001582D:F02
	M00001530A:A09	M00001582D:B01
	M00001530A:E10	M00001582A:A03
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	M00001532D:A06	M00001567D:B03
	M00001485B:D10	M00001579C:H06
	M00001511A:A02	M00001585B:F01
	M00004249D:B08	M00001579B:F04
	M00004185D:E04	M00001579A:E03
	M00004188D:G08	M00001578C:F05
	M00004197C:F03	M00001577D:H06
	M00004198B:D02	M00001577B:F10
	M00004204D:C03	M00001576C:G05
	M00004208B:F05	M00001575D:D12
	M00004208D:B10	M00001575D:B10
	M00004210B:B05	M00001575D:A02
	M00001362D:H01	M00001573B:G08
	M00004216D:D03	M00001573A:E01
	M00004167A:H03	M00001572A:B05
	M00004275A:B03	M00001571D:F05
	M00004285C:A08	M00001579D:F04
	M00004316A:G09	M00001636A:F08
	M00004465B:D04	M00001643B:E05
	M00004493B:D09	M00001642C:G02
	M00001347B:H04	M00001642A:F03
	M00001351C:B06	M00001641D:C04
	M00001360A:G10	M00001641C:H07
	M00004216D:C03	M00001641C:F01
	M00004076D:D04	M00001641C:D02
	M00001484C:A04	M00001641B:F12
	M00001456B:G01	M00001634A:B04
	M00003972D:C09	M00001636B:G11
	M00003974C:E04	M00001649C:D05
	M00003979A:E11	M00001636A:C03
	M00003983C:F03	M00001635D:D05
	M00003989B:F11	M00001635D:C12
	M00004031D:B05	M00001635B:H02
	M00004177C:A01	M00001635B:H01
	M00004076B:G03	M00001634D:G11
	M00004167D:A07	M00001634D:D04
	M00004078A:A06	M00001634A:H05
	M00004085A:B02	M00001641A:A11
	M00004107B:A06	M00001638B:E12
	M00004111C:E11	M00001640A:H02
	M00004130D:H01	M00001614C:E06
	M00004157D:B03	M00001636D:F09
	M00004159C:F09	M00001637A:A03
	M00004162C:A07	M00001637A:A06
	M00004135B:G01	M00001637A:E10
	M00004040A:G12	M00001637A:F10

cDNA Ref No.; ATCC Accession No.	cDNA Library Ref ES29 ATCC No.	cDNA Library Ref ES30 ATCC No.
	M00001453B:H12	M00001637C:C06
	M00001448A:E11	M00001644A:H01
	M00001448B:F09	M00001638B:E03
	M00001448B:H05	M00001649A:E11
	M00001448C:E11	M00001638B:F10
	M00001448C:F10	M00001639A:C03
	M00001448D:F12	M00001639A:G07
	M00001449B:B03	M00001639B:H01
	M00001449C:C05	M00001639B:H05
	M00001449D:G10	M00001639C:A09
	M00001448A:B12	M00001639C:C02
	M00001453A:D08	M00001649C:E11
	M00001451B:A04	M00001649C:H10
	M00001454A:F11	M00001637C:E03
	M00001454A:G03	M00001617A:A08
	M00001455A:F04	M00001622A:H12
	M00001455B:E07	M00001621C:H12
	M00001455D:A06	M00001621B:G05
	M00001364B:B06	M00001620D:H02
	M00004117A:G01	M00001620D:G11
	M00001455D:D11	M00001619D:D10
	M00001456B:A06	M00001619C:C07
	M00001451A:C10	M00001619A:E05
	M00001395A:E03	M00001623A:F04
	M00001366D:C06	M00001618A:A03
	M00001365A:H10	M00001618B:D09
	M00001366D:C12	M00001617A:A01
	M00001373D:B03	M00001616D:C11
	M00001453B:F08	M00001615C:G05
	M00001444D:C01	M00001615C:A11
	M00001375B:C06	M00001615B:G07
	M00001392C:D05	M00001633D:H06
	M00001395A:A12	M00001639C:A10
	M00001395A:H02	M00001615B:A09
	M00001397D:G08	M00001615B:G01
	M00001434A:B10	M00001618A:F10
	M00001416A:D09	M00001632C:H07
	M00001433C:F10	M00001633D:D12
	M00001416A:H02	M00001633D:D09
	M00001428D:B10	M00001618A:F08
	M00001428B:D01	M00001633D:G09
	M00001426D:D12	M00001624A:A03
	M00001400C:D02	M00001633C:F09
	M00001427C:D01	M00001633C:H05
		M00001633C:B09
		M00001633A:E06
		M00001633C:H11
		M00001632C:B10
		M00001625D:G10
		M00001631D:G05

cDNA Ref No.:	cDNA Library Ref ES29	cDNA Library Ref ES30
ATCC Accession No.	ATCC No.	ATCC No.
		M00001629C:E07
		M00001629B:B08
		M00001626C:E04
		M00001626C:C11
		M00001632A:B10
		M00001624B:B10
		M00001633C:A05
		M00001625C:G05

Table 24. Clones Deposited on January 22, 1999

cDNA Ref No.; ATCC Accession No. Clone Names in Library	cDNA Ref ES31 ATCC No.	cDNA Ref No. ES32 ATCC No.	cDNA Ref ES33 ATCC No.
	M00003843A:E04	M00003906A:F12	M00005254D:A10
	M00003842C:G03	M00003906B:H06	M00005260B:E11
	M00003842A:A03	M00003906C:C05	M00005260A:F04
	M00003841D:A04	M00003907A:F01	M00005260A:A12
	M00003841B:E06	M00003907B:C03	M00005259B:D12
	M00003841C:H11	M00003907B:D05	M00005257D:H11
	M00003844A:A11	M00003918A:D08	M00005257D:G07
	M00003841C:F01	M00003918A:F09	M00005257D:A06
	M00003841C:H08	M00003918C:H10	M00005257C:G01
	M00003841C:D07	M00003924A:D08	M00005257A:H11
	M00003844D:A07	M00003958B:E11	M00005236B:H10
	M00003845D:G08	M00003958B:H08	M00005236B:G03
	M00003852C:B06	M00003960A:G07	M00005257C:E05
	M00003854B:A07	M00003971B:A10	M00001608C:D02
	M00003854B:D04	M00003972D:H02	M00001608C:G04
	M00003859D:C05	M00003973C:C03	M00001608D:F11
	M00003860B:F11	M00003974B:B11	M00001609C:A12
	M00003867B:G07	M00003974D:F02	M00001609C:G05
	M00003867B:G08	M00003974D:H04	M00001610C:B07
	M00003841B:E03	M00003975C:F07	M00001612D:D12
	M00003822D:B10	M00003977C:A06	M00001612D:F06
	M00003867D:A06	M00003977C:B03	M00001613A:D02
	M00003868B:G06	M00003977D:A03	M00001614A:B10
	M00003867B:D10	M00003977D:A06	M00001614C:G07
	M00003831C:G05	M00003977D:D04	M00001615C:E07
	M00003901C:B01	M00003978D:G04	M00001625C:F10
	M00003868C:C07	M00003980A:F04	M00001626D:A02
	M00003820A:A08	M00003980B:C11	M00001629A:H09
	M00003820B:D07	M00003981C:B04	M00001629D:B10
	M00003820B:D10	M00003982A:B12	M00001629D:D10
	M00003822D:C06	M00003982C:G04	M00001630C:F09
	M00003823B:F07	M00003984D:B08	M00001631A:D03
	M00003824C:D07	M00003985B:G04	M00001631A:F06
	M00003825B:B10	M00003985D:E10	M00001631A:F12
	M00003825B:B11	M00003986B:A08	M00001631B:H04
	M00003828A:D05	M00003986C:D09	M00001633A:F11
	M00003822D:D04	M00003986D:C08	M00001633A:G10
	M00003830C:A03	M00003987B:E12	M00001633B:A12
	M00003840D:H10	M00003987B:F08	M00001633B:E03
	M00003832A:A09	M00003987C:G03	M00001633C:A08
	M00003833B:B03	M00003988D:A08	M00001633C:E12
	M00003833B:C12	M00003989C:D03	M00001635B:B02
	M00003834B:G04	M00003989C:G05	M00001636A:H12
	M00003835A:A09	M00003989D:F12	M00001638A:C08
	M00003835B:H11	M00004029B:F01	M00001638B:C08
	M00003835D:G06	M00004029C:C05	M00001639D:C12
	M00003837C:E05	M00004029C:G10	M00001640A:F05
	M00003837C:F10	M00004030D:F11	M00001642D:G08

cDNA Ref No.; ATCC Accession No.	cDNA Ref ES31 ATCC No.	cDNA Ref No. ES32 ATCC No.	cDNA Ref ES33 ATCC No.
	M00003839A:D07	M00004034A:A01	M00001647D:G07
	M00003839D:E11	M00004034C:G02	M00001649A:E10
	M00003829C:H05	M00004034D:E09	M00001650D:D10
	M00003901B:C03	M00004035B:H09	M00001650D:F11
	M00003878C:F06	M00004036D:B04	M00001651C:D11
	M00003878C:G08	M00004036D:B09	M00001651C:G12
	M00003879A:A02	M00004038A:F02	M00001652B:D06
	M00003879A:B08	M00004038D:G06	M00001652D:G02
	M00003879A:C11	M00004039A:C03	M00001652D:G06
	M00003879A:D02	M00004039A:H11	M00001653A:A05
	M00003879B:G02	M00004039B:A05	M00001653D:H07
	M00003880B:D11	M00004039B:E12	M00001654A:E08
	M00003880C:E11	M00004040C:A01	M00001654B:A01
	M00003880C:H03	M00004051D:E01	M00001654C:D10
	M00003901B:F10	M00004072D:F09	M00001654C:G07
	M00003890B:C08	M00004073A:D10	M00001654C:G09
	M00003877C:A11	M00004075B:G09	M00001655C:C07
	M00003819D:B01	M00004076A:D12	M00001655D:E08
	M00003901B:G11	M00004076D:H07	M00001655D:H11
	M00001692A:G06	M00004078A:C11	M00001656A:H12
	M00003903C:C05	M00004078A:E05	M00001656C:C04
	M00003903C:E12	M00004078A:F07	M00001656D:C04
	M00003903D:C12	M00004078B:C11	M00001657C:C11
	M00003903D:D10	M00004078B:F12	M00001657D:A10
	M00003903D:H11	M00004079D:G08	M00001659D:A09
	M00003904A:C04	M00004081A:E02	M00001661D:D05
	M00003904B:C03	M00004081A:G01	M00001664B:E08
	M00003904C:A08	M00004081C:A10	M00001664B:F06
	M00003881B:F10	M00004083A:E08	M00001669B:C12
	M00003871D:G06	M00004083B:C01	M00001669C:B09
	M00003868D:D09	M00004086D:G08	M00001670A:F09
	M00003868D:D11	M00004087B:A12	M00001678C:F09
	M00003870C:A01	M00004087C:A01	M00001693A:H06
	M00003870C:A10	M00004088C:F01	M00003805D:E06
	M00003870C:E10	M00004088D:A11	M00003806C:A06
	M00003871A:A02	M00004088D:B05	M00003809B:A03
	M00003871A:B09	M00004088D:B10	M00003810A:A02
	M00003871A:C11	M00004090B:B04	M00003810B:B11
	M00003871A:G09	M00004090B:H06	M00003810C:B06
	M00003871C:E04	M00004092B:E05	M00003810D:H09
	M00003871C:F12	M00004093C:C02	M00003811C:C02
	M00003878C:D08	M00004096D:H03	M00003813B:F02
	M00003871D:E11	M00004099D:F01	M00003813C:H08
	M00003877C:G12	M00004100B:C07	M00003813D:B12
	M00003875A:A07	M00004103B:E09	M00003813D:C02
	M00003875A:B01	M00004105C:B05	M00003813D:G06
	M00003875B:F12	M00004105C:C08	M00003814B:C01
	M00003875C:A01	M00004107A:A12	M00003817C:A10
	M00003875C:A09	M00004107B:D07	M00003817C:G06
	M00003875C:G02	M00004108B:B02	M00003817D:D12

cDNA Ref No.: ATCC Accession No.	cDNA Ref ES31 ATCC No.	cDNA Ref No. ES32 ATCC No.	cDNA Ref ES33 ATCC No.
	M00003876B:C05	M00004108D:E07	M00003821A:H09
	M00003876C:D02	M00004108D:G04	M00003822B:G12
	M00003876C:F02	M00004110A:A10	M00003822C:A07
	M00003877B:H10	M00004110B:A07	M00003823C:B01
	M00003868D:B09	M00004118B:A03	M00003823C:C04
	M00003871D:A10	M00004118B:F01	M00003824A:G11
	M00001669D:D06	M00004118D:B05	M00003824B:C09
	M00001661A:B11	M00004119A:C09	M00003824C:A10
	M00001661B:F06	M00004136D:B02	M00003824D:D08
	M00001662A:C07	M00004137A:D06	M00003825B:F10
	M00001662A:G01	M00004139C:A12	M00003825D:F01
	M00001662B:F06	M00004149C:B02	M00003826C:F05
	M00001663C:F12	M00004159C:G12	M00003829A:B08
	M00001664A:F08	M00004169D:B11	M00003829C:E08
	M00001664D:F04	M00004187D:H06	M00003829D:D12
	M00001661A:E06	M00004228C:H03	M00003829D:F03
	M00001669A:B02	M00004244C:G07	M00003830D:B11
	M00001669B:B12	M00004358D:C02	M00003830D:H11
	M00001669C:C08	M00004690A:G08	M00003833D:H08
	M00001675A:G10	M00004891B:D01	M00003833D:H10
	M00001669D:C03	M00004891C:D04	M00003840A:C10
	M00001660B:E03	M00004895B:E12	M00003840B:F05
	M00001669D:F05	M00004895B:G04	M00003840C:C02
	M00001670B:G12	M00004895D:G07	M00003845C:D04
	M00001671A:A10	M00004898C:F03	M00003845D:A04
	M00001671B:G05	M00004899D:G06	M00003846B:C05
	M00001671C:C11	M00004959D:H12	M00003846C:F08
	M00001672D:E08	M00004960A:B08	M00003848B:E07
	M00001673A:G08	M00004960C:E10	M00003848D:G02
	M00001673B:B07	M00005100A:B02	M00003850C:G09
	M00001673B:F07	M00005100A:C01	M00003851A:A06
	M00001673D:D06	M00005101C:E12	M00003851B:D03
	M00001673D:F10	M00005102C:D03	M00003851B:E01
	M00001674A:G07	M00005134B:E08	M00003851C:F09
	M00001692D:B01	M00005139A:H03	M00003851D:H11
	M00001669C:D09	M00005140C:B10	M00003852B:G04
	M00001655C:E01	M00005140D:C06	M00003852C:F07
	M00001649D:A08	M00005178D:H04	M00003853B:C10
	M00001650A:C11	M00005210A:E06	M00003854C:C09
	M00001651A:H11	M00005212B:E01	M00003855A:A01
	M00001652A:A01	M00005212C:C03	M00003855A:F01
	M00001652B:G10	M00005212C:D02	M00003855B:B09
	M00001652D:E05	M00005212C:H02	M00003856A:G04
	M00001652D:E09	M00005212D:D09	M00003856B:A12
	M00001653B:C06	M00005212D:H01	M00003857A:E12
	M00001653B:G10	M00005216A:D09	M00003857A:H10
	M00001653C:D10	M00005216A:H01	M00003857C:E05
	M00001654D:A03	M00005217B:A06	M00003858B:G02
	M00001654D:E12	M00005218A:F09	M00003860D:E06
	M00001654D:F11	M00005228A:B03	M00003905C:F12

cDNA Ref No.: ATCC Accession No.	cDNA Ref ES31 ATCC No.	cDNA Ref No. ES32 ATCC No.	cDNA Ref ES33 ATCC No.
	M00001660C:B06	M00005228C:C05	M00003911A:D12
	M00001658D:G12	M00005229B:G12	M00003966B:A04
	M00001675C:A04	M00005229B:H04	M00003966C:A12
	M00001660B:D03	M00005229B:H06	M00003966C:F03
	M00001660B:A09	M00005229D:H03	M00003973D:F08
	M00001659D:C09	M00005230B:H09	M00003974D:E01
	M00001659D:B05	M00005232A:H12	M00003974D:H07
	M00001654D:F12	M00005233B:D04	M00003976B:E06
	M00001659A:D12	M00005233D:H07	M00003976B:H07
	M00001655A:B11	M00005235B:F10	M00003978A:E01
	M00001658B:A07	M00005236A:E04	M00003978A:E09
	M00001658A:G09	M00005236A:G10	M00003978C:A12
	M00001657D:A04	M00005236B:A12	M00003980C:E12
	M00001657B:B04	M00001448B:A07	M00003980C:F12
	M00001656B:E01	M00001448B:G07	M00003981A:A07
	M00001660B:E04	M00001448D:E11	M00003981B:B12
	M00001659C:F10	M00001455A:D10	M00003982A:G03
	M00003808C:A05	M00001455A:E11	M00003982B:C10
	M00001694D:C12	M00001476D:F12	M00003982B:H10
	M00003746C:E02	M00001478A:F12	M00003983A:D02
	M00003779D:E08	M00001482C:F09	M00003983A:F06
	M00003792A:B10	M00001485C:D07	M00003983A:G02
	M00003793D:A11	M00001485C:G06	M00003983D:E08
	M00003794D:G03	M00001485D:A05	M00003983D:H02
	M00003797A:C11	M00001487C:A11	M00003985A:C01
	M00003797A:D06	M00001487C:G09	M00003986C:G11
	M00003797A:G03	M00001530A:B02	M00003986D:H12
	M00003800B:F03	M00001530A:H05	M00004027A:A08
	M00003805A:F02	M00001530D:A11	M00004028A:B10
	M00003806B:C09	M00001539B:B10	M00004028A:G03
	M00001674A:G11	M00001567A:C04	M00004029B:A01
	M00003806D:D11	M00001567A:C11	M00004029B:A06
	M00001693D:E08	M00001567C:B08	M00004029B:G10
	M00003808D:D08	M00001567C:E07	M00004029C:F02
	M00003809A:C01	M00001570C:B02	M00004029C:F05
	M00003809A:F01	M00001570D:E05	M00004030B:A12
	M00003809B:B02	M00001570D:E07	M00004030B:D08
	M00003809B:E10	M00001573B:A06	M00004030C:A08
	M00003813A:B02	M00001573B:H12	M00004030C:C02
	M00003813A:D08	M00001575A:D05	M00004034C:F05
	M00003813B:E09	M00001575B:C01	M00004035B:F05
	M00003814B:C12	M00001576C:H02	M00004036A:A11
	M00003814B:F12	M00001577A:A03	M00004037C:D04
	M00003815C:C06	M00001578B:A06	M00004038A:E05
	M00003815C:D12	M00001579D:F02	M00004038B:D01
	M00003817B:C04	M00001582C:C04	M00004039C:E02
	M00003806B:G05	M00001582C:G02	M00004039D:B10
	M00001679A:D10	M00001584A:A07	M00004040A:A07
	M00001675C:C03	M00001584D:B06	M00004040A:B04
	M00001675C:D12	M00001584D:C11	M00004040A:C08

cDNA Ref No.: ATCC Accession No.	cDNA Ref ES31 ATCC No.	cDNA Ref No. ES32 ATCC No.	cDNA Ref ES33 ATCC No.
	M00001675D:E10	M00001585D:B12	M00004040B:C05
	M00001676B:B09	M00001586C:H07	M00004040B:F07
	M00001676B:E01	M00001589D:A01	M00004069A:E12
	M00001676C:A04	M00001590D:B04	M00004069C:C08
	M00001676C:E07	M00001592B:B02	M00004077A:G12
	M00001676D:A02	M00001592D:H02	M00004085B:G01
	M00001676D:B02	M00001594C:E05	M00004087A:B05
	M00001677A:G11	M00001594C:H03	M00004090D:F12
	M00001677B:A12	M00001594D:G11	M00004092C:D08
	M00001677B:B04	M00001595A:C07	M00004097C:E03
	M00001677D:B01	M00001595A:D12	M00004097C:H08
	M00001678D:B11	M00001595A:E07	M00004097D:B05
	M00001681C:A08	M00001595B:G07	
	M00003819B:G01	M00001595B:G10	
	M00001693C:E09	M00001595B:H11	
	M00001693C:C12	M00001595C:A01	
	M00001692B:E01	M00001595C:A05	
	M00001692A:B06	M00001595C:B12	
	M00001678B:H01	M00001595C:E05	
	M00001681D:C12	M00001595C:E09	
	M00001694A:E03	M00001595D:C11	
	M00001680B:D02	M00001596A:A02	
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We Claim:

1. A library of polynucleotides, the library comprising the sequence information of at least one of SEQ ID NOS:1-3544, 3546-4510, 4512-4725, 4727-4748, and 4750-5252.
- 5 2. The library of claim 1, wherein the library is provided on a nucleic acid array.
3. The library of claim 1, wherein the library is provided in a computer-readable format.
- 10 4. The library of claim 1, wherein the library comprises a differentially expressed polynucleotide comprising a sequence selected from the group consisting of SEQ ID NOS:65, 174, 203, 252, 253, 387, 419, 420, 491, 552, 560, 581, 590, 648, 693, 726, 746, 990, 1095, 1124, 1205, 1354, 1387, 1780, 1899, 1915, 1979, 2007, 2024, 2245, and 2325.
- 15 5. The library of claim 1, wherein the library comprises a polynucleotide differentially expressed in a human breast cancer cell, where the polynucleotide comprises a sequence selected from the group consisting of SEQ ID NOS:15, 36, 44, 45, 89, 146, 154, 159, 165, 174, 172, 183, 203, 261, 364, 366, 387, 419, 420, 496, 503, 510, 512, 529, 552, 560, 564, 570, 590, 606, 644, 646, 693, 707, 711, 726, 746, 754, 756, 875, 902, 921, 942, 20 990, 1095, 1104, 1122, 1131, 1142, 1170, 1184, 1205, 1286, 1289, 1354, 1387, 1435, 1535, 1751, 1764, 1777, 1795, 1860, 1869, 1882, 1890, 1915, 1933, 1934, 1979, 1980, 2007, 2023, 2040, 2059, 2223, 2245, 2300, 2325, 2409, 2462, 2486, 2488, and 2492.
- 25 6. The library of claim 1, wherein the library comprises a polynucleotide differentially expressed in a human colon cancer cell, where the polynucleotide comprises a sequence selected from the group consisting of SEQ ID NOS:33, 65, 228, 250, 252, 253, 280, 282, 355, 370, 387, 443, 460, 491, 545, 560, 581, 603, 680, 693, 703, 704, 716, 726, 746, 752, 753, 1095, 1104, 1205, 1241, 1264, 1354, 1387, 1401, 1442, 1514, 1734, 1742, 1780, 1851, 1899, 1915, 1954, 2024, 2066, 2262, and 2325.

7. The library of claim 1, wherein the library comprises a polynucleotide differentially expressed in a human lung cancer cell, where the polynucleotide comprises a sequence selected from the group consisting of SEQ ID NOS: 10, 54, 65, 171, 174, 203, 252, 253, 254, 285, 419, 420, 466, , 491, 525, 526, 552, 571, 574, 590, 693, 700, 726, 742, 746, 861, 990, 922, 1088, 1288, 1355, 1417, 1422, 1444, 1454, 1570, 1597, 1979, 2007, 2024, 2034, 2038, 2126, and 2245.

8. The library of claim 1, wherein the library comprises a polynucleotide differentially expressed in a human cancer cell, where the polynucleotide comprises a sequence selected from the group consisting of SEQ ID NOS:648 and 1899.

9. An isolated polynucleotide comprising a nucleotide sequence having at least 90% sequence identity to an identifying sequence of SEQ ID NOS:1-3544, 3546-4510, 4512-4725, 4727-4748, and 4750-5252, or a degenerate variant or fragment thereof.

15

10. The polynucleotide of claim 9, wherein the polynucleotide comprises a sequence of one of SEQ ID NOS:2503, 2504, 2550, 2555, 2578, 2656, 2667, 2712, 2723, 2728, 2738, 2734, 2754, 2758, 2760, 2832, 2835, 2842, 2843, 2849, 2893, 2933, 2956, 2971, 2981, 3009, 3018, 3019, 3046, 3084, 3190, 3129, 3173, 3226, 3227, 3274, 3290, 3356, 3365, 3377, 3381, 3390, 3391, 3404, 3407, 3408, 3409, 3418, 3419, 3451, 3597, 3600, 3618, 3632, 3635, 3646, 3648, 3657, 3665, 3669, 3670, 3671, 3656, 3680, 3686, 3695, 3696, 3700, 3710, 3736, 3762, 3763, 3774, 3775, 3791, 3804, 3806, 3836, 3895, 3905, 3919, 3920, 3927, 3936, 3951, 3974, 3998, 4036, 4038, 4044, 4056, 4072, 4117, 4119, 4152, 4153, 4154, 4172, 4175, 4159, 4175, 4205, 4216, 4223, 4228, 4238, 4241, 4243, 4251, 4253, 4261, 4263, 4278, 4288, 4322, 4330, 4343, 4359, 4363, 4364, 4365, 4373, 4375, 4384, 4385, 4406, 4409, 4431, 4434, 4441, 4442, 4444, 4455, 4469, 4473, 4477, 4482, 4489, 4495, 4496, 4498, 4525, 4535, 4536, 4540, 4560, 4616, 4562, 4586, 4605, 4629, 4653, 4654, 4658, 4659, 4660, 4661, 4664, 4665, 4668, 4684, 4682, 4688, 4689, 4710, 4718, 4733, 4724, 4733, 4746, 4755, 4760, 4710, 4777, 4785, 4792, 4794, 4801, 4807, 4821, 4822, 4847, 4850, 4854, 4856, 4866, 4885, 4900, 4901, 4905, 4914, 4925, 4929, 4931, 4943, 4944, 4959, 5111, 5020, 5041, 5046, 5059, 5083, 5090, 5094, 5102, 5125, 5174, 5197, 5208, 5217, 5237, 5239, 5241, 5243, 5248, and 5252.

11. A recombinant host cell containing the polynucleotide of claim 9.
12. An isolated polypeptide encoded by the polynucleotide of claim 9.
- 5 13. An antibody that specifically binds a polypeptide of claim 12.
14. A vector comprising the polynucleotide of claim 9.
15. A polynucleotide comprising the nucleotide sequence of an insert contained in
10 a clone deposited as ATCC accession number xx, xx, xx, xx, xx, xx, xx, or xx.
16. A method of detecting differentially expressed genes correlated with a
cancerous state of a mammalian cell, the method comprising the step of:
detecting at least one differentially expressed gene product in a test sample derived
15 from a cell suspected of being cancerous, where the gene product is encoded by a gene
corresponding to a sequence of at least one of SEQ ID NOS:10, 15, 33, 36, 44, 45, 54, 65,
89, 146, 154, 159, 165, 171, 172, 174, 183, 203, 228, 250, 252, 253, 254, 261, 280, 282,
285, 355, 364, 366, 370, 387, 419, 420, 443, 460, 466, 491, 496, 503, 510, 512, 525, 526;
529, 545, 552, 560, 564, 570, 571, 574, 581, 590, 603, 606, 644, 646, 648, 680, 693, 700,
20 703, 704, 707, 711, 716, 726, 742, 746, 752, 753, 754, 756, 861, 875, 902, 921, 922, 942,
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1355, 1387, 1417, 1435, 1444, 1454, 1535, 1570, 1597, 1734, 1742, 1751, 1764, 1777,
1780, 1795, 1860, 1869, 1882, 1890, 1899, 1915, 1933, 1934, 1954, 1979, 1980, 2007,
2023, 2024, 2034, 2040, 2059, 2126, 2223, 2245, 2262, 2300, 2325, 2409, 2486, 2462,
25 2488, 2492, 1241, 1264, 1401, 1422, 1442, 1514, 1851, 1915, 2007, 2024, 2038, 2066, and
2245;
wherein detection of the differentially expressed gene product is correlated with a
cancerous state of the cell from which the test sample was derived.
- 30 17. The method of claim 16, wherein said detecting step is by hybridization of the
test sample to a reference array, wherein the reference array comprises an identifying
sequence of at least one of SEQ ID NOS: 65, 174, 203, 252, 253, 387, 419, 420, 491, 552,

560, 581, 590, 648, 693, 726, 746, 990, 1095, 1124, 1205, 1354, 1387, 1780, 1899, 1915, 1979, 2007, 2024, 2325, and 2245.

18. The method of claim 16, wherein the cell is a breast tissue derived cell, and the
5 differentially expressed gene product is encoded by a gene corresponding to a sequence of
at least one of SEQ ID NOS:36, 44, 45, 89, 146, 154, 159, 165, 172, 174, 183, 203, 261,
364, 366, 387, 419, 420, 496, 503, 510, 512, 529, 552, 560, 564, 570, 590, 606, 644, 646,
693, 707, 711, 726, 746, 754, 756, 875, 902, 921, 942, 990, 1095, 1104, 1122, 1131, 1142,
1170, 1184, 1205, 1286, 1289, 1354, 1387, 1435, 1535, 1751, 1764, 1777, 1795, 1860,
10 1869, 1882, 1890, 1915, 1933, 1934, 1979, 1980, 2007, 2023, 2040, 2059, 2223, 2245,
2300, 2325, 2409, 2462, 2486, 2488, and 2492.

19. The method of claim 16, wherein the cell is a colon tissue derived cell, and the
differentially expressed gene product is encoded by a gene corresponding to a sequence of
15 at least one of SEQ ID NOS:33, 65, 228, 250, 252, 253, 280, 282, 355, 370, 387, 443, 460,
491, 545, 560, 581, 603, 680, 693, 703, 704, 716, 726, 746, 752, 753, 1095, 1104, 1205,
1241, 1264, 1354, 1387, 1401, 1442, 1514, 1734, 1742, 1780, 1851, 1899, 1915, 1954,
2024, 2066, 2262, and 2325.

20. The method of claim 16, wherein the cell is a lung tissue derived cell, and the
differentially expressed gene product is encoded by a gene corresponding to a sequence of
at least one of SEQ ID NOS: 10, 54, 65, 171, 174, 203, 252, 253, 254, 285, 419, 420, 466,
491, 525, 526, 552, 571, 574, 590, 693, 700, 726, 742, 746, 861, 922, 990, 1088, 1288,
1355, 1417, 1422, 1444, 1454, 1570, 1597, 1979, 2007, 2024, 2034, 2038, 2126, and 2245.

25

21. The method of claim 16, wherein the differentially expressed gene product is
encoded by a gene corresponding to a sequence of at least one of SEQ ID NOS:648 and
1899.

SEQUENCE LISTING

<110> Williams, Lewis T.
Escobedo, Jaime
Innis, Michael A.
Garcia, Pablo Dominiguez
Sudduth-Klinger, Julie
Reinhard, Christoph
Giese, Klaus
Randazzo, Filippo
Kennedy, Giulia C.
Pot, David
Kassan, Altaf
Lamson, George
Drmanac, Radoje
Crkvenjakov, Radomir
Dickson, Mark
Drmanac, Snezana
Labat, Ivan
Leshkowitz, Dena
Kita, David
Garcia, Veronica
Jones, William Lee
Stache-Crain, Birjit

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Products II

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gaacaattcc ttgctgaatg tatttgcaga tcaacctaat aaaagtgatg caaccaatta	180
tgctagccac tctctctctg taaacagggc cttaacgccg gctgctactc taagtgtctg	240
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angnntnaan ttengtnect ttggaaccn gatntnntcn naaaattnc cttncctanc      180
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angntgcctn ancnnacnng nangttcnaa aaaccccngt ttnaaacngn gcencaggnt      180
ttnnnnnnnn acagatatctc tggttccaga tgtcttgtaa gttaacctgc ctccatttcc      240
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atcctacntg	agctatgttc	nngcccggaa	nataacgaac	ttgattggng	ctncttnncc	240
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gggtggctgt	nnnnnnnnnn	ngnttctgac	naggtggnac	actnnnnctt	ccgtgntctn	180
tnactgnnt	cnntcngctg	cngntctgg	acntccagag	gttcnatgag	cnatcaggac	240
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gcaccaagca	ggtgcaagtg	agcacaatcc	aattttacat	cagggtaccc	ctccaggaca	240
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cagatnangt	ttantaangn	gtaagtttta	atcnggaagg	ggggangngg	tgtnngnagc	180
tccagtaatn	ttnttantna	anaatacccn	tcctcttgna	ggctcccnag	tntcccagcc	240
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cgaggaaaag	gctgagtata	gctcttgccg	gtccagtcac	aatgacgtc	ccttctgtac	180

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<210> 21
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 21
gtccttttga accaccccaa agaactcaac atggcaaagc aaatggtaaa agcttcccga      60
ctgttctact ttgggtccgc gcgaagccca ctacagtgtg atctgtgttg cccctgggag      120
gcccggggcy accggaaaaag ggctctctca agttctgaaa agagaatctg ccaccagatc      180
gaatttcgac cctgagcctt gttcggacgt atgggtccaaa ttcagattaa ggtggtcacc      240
caacccgaga tgtcaggaaa ggccttctgc agagaaaatg tccccccacc cgccatctgc      300

```

```

<210> 22
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 22
ctgcacctca agaacgctag accactcgcc accagccttc tcattccctc ttctccatt      60
ctaatacttt ctagctgggt ggctctctca gagcatagga aaactgaggt caggaattcg      120
agaccagcct ggccaacatg gtaaaacccc atctctacta aaaatataaa aattagccag      180
gcatggtggc gcacacctgt aatcccagct aatcaagagg ctgaggcagg agaattgctt      240
aaatctggga ggcggaagtt gcagtgaacc aagatcgccg cactgaactc cagcctaggc      300

```

```

<210> 23
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 23
aagttcaagc aatgattaat ctagcttccc tcttggtgga tgactgaggc ctttgcttga      60
ggacaacttt aaagagatat tgaatgaagc tatgatacct gtagcagtta ctgccatttt      120
ggaccataaa actgacaatc cttaaacatt accaggaggg cagagcggaa agaacattga      180
tgtcatcact gagttgctgg attaccttac tctagaaata gccaaactctg catgtttggt      240
tattttttta aaaagtcttc tttattatth acatcatttt gaatgggctc taactctagc      300

```

```

<210> 24
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (300)
<223> n = A,T,C or G

```

```

<400> 24
agtcaatcca aatgatttca gagacctgac tttgctgttt gaccactctc agcttttttg      60
tatcagactc ccttcaactg ctccccaaaa ctccaggggc atgtttcttg aacagtggaa      120
agcagggaaa tagaaatggg gcctcaggaa ttagaaataa ggctttggca ttcaaagtgc      180
gcacctagca tgctgtgact agcgataagt gtgcaaggag tgttgaagca gtaggaagac      240
ttgtggtgag gcggggcagg ggaatnnnnn nnnnnnnnnn ncagagacca nnggcctttc      300

```

<210> 25
 <211> 281
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(281)
 <223> n = A,T,C or G

<400> 25
 tggtcctgtg ccagaaagaa agttaaaata cttgcttaag aaagggaggg ggggtgggagg 60
 ggtgtaggga gagggaaggg agggnnnnnn nnnnnnggcn tacnttttcc tacatttcan 120
 tntccctttt ncctatctaa gcngtncat ctngtcaatn cacttntcnn tnnnttaach 180
 ccnttcennn ncanttttcc cttnttctn cctntatact nttgctntga nntgctgncc 240
 anantgttt cccttctcc atctnnccat accccttact t 281

<210> 26
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 26
 cgaggcagtt agctagtgt ctgtgaaata aaataactaat gattgaactt tctaggaagt 60
 acctattctg ctaatagtgt aaatatacac ttatccaggg tcagaaatac tcaagtgttac 120
 ccacttaaaa gatctagaaa atacatgaac ttgggcttac ttgccagtta aaattgttta 180
 tctcagaatt gtaccatcac cttaattaaa gtagatatgc taggattatc ctgataacta 240
 attaacatag cctttccct tagtggttctt cacctgaatg tagtagtgga ctcttcaagt 300

<210> 27
 <211> 277
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(277)
 <223> n = A,T,C or G

<400> 27
 gtgctgcaga caacacacct tctgatgga ggtgtccggc tgatggagaa gtctgtgggc 60
 ttgtaaatca tctttgatgt taaccaggcc gacgctgtgg ccacattccg aaagattaac 120
 cctgtcaaac cctannnnnn nnnnnnnnnn nnnnggatttg atnagcctgt nccanacctc 180
 tgcagcctcn ancggtngt nttaccatagt ggggatgacc ctctgatact ttgnccctgg 240
 ngancatgnt gacantgtct tctacagctt nngggac 277

<210> 28
 <211> 293
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(293)
 <223> n = A,T,C or G

<400> 28

tggcatcanc	nagccgtgca	gtccgctntt	cactgttnna	nggcctccna	gtgnntcana	60
gcattggacc	catctntanc	aaaagtngag	gccaaaaagn	tnagtgactt	gacaagtgnc	120
agagtaaccg	tgtagacaga	gcagtgtana	cagaaatcaa	ncntcagtcc	cangngtana	180
cctgatcntg	gngatcactg	ccctgagtg	cttgccagca	cagccagngc	catcagtaat	240
ttgnangacn	tancacnnnc	nnnnttaagt	taaaaaaccc	ccattnnnna	agg	293

<210> 29

<211> 300

<212> DNA

<213> Homo sapiens

<400> 29

ggctaacttg	ccttggtttta	ctattgatgt	ttgtgtcctg	tgtccttaac	actttaagca	60
gcgtgttctc	acctaaaggc	taatagtgtt	aagtaagttt	ctttttcttt	ttttaattta	120
aaaattaaaa	aatttttaat	taactttttt	taaattaaaa	aaaattatta	attattttta	180
atagacagga	tcttgctatg	ctgtccaggc	tggctctgaa	ctcctgggct	caagtgatcc	240
tcttgcttg	gcctcccaa	gtgctggtat	tacaggtgtg	agtcactgca	cctggccaag	300

<210> 30

<211> 281

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(281)

<223> n = A,T,C or G

<400> 30

ttaaaggatt	taaggannna	nanntncttn	tggtttgccc	nttcnaccnn	tncctggggga	60
aangannenc	nannaggtna	ttctnnttcc	ctnangccna	nanggnacn	tggnttgnc	120
ttaaactttt	gnnttanatn	gggtanntgn	ntttttnaaa	antnggtgcc	ntnaangann	180
ntttgagctt	tgcagtagat	tatgctgcat	cctcgtggca	aaattctgta	ttcttagtga	240
ttgttacaaa	cccctttatt	gctgtctgag	aaaggaaaga	t		281

<210> 31

<211> 300

<212> DNA

<213> Homo sapiens

<400> 31

gtcaagggt	gcatgaagt	cgagggccga	agagtctgtg	tggactcagt	gggacatggg	60
cgtggaagag	caggaggtc	tgaatgggaa	gtaaagacac	agatgcgggt	atgcacacag	120
ttctttgaag	atgctcggcc	gaggagacaa	gagtaatcag	gtcaggggca	aaaaggggta	180
ctcgctgag	gaagtaaaca	ttggatgtcc	acagctcaga	gttagttcaa	ggtcacattc	240
aaattagata	ccccgatttc	ccccggcctg	ctgtctaaat	gccaaatcaa	gtcatggctt	300

<210> 32

<211> 300

<212> DNA

<213> Homo sapiens

<400> 32

gagcagaac	gcaagatatt	tccctttgct	ggctaaacag	aagcctgggc	accagaatg	60
tgatatectg	accaatgttt	ttgcaattct	ctcagcgaag	aatctttctg	atgccacagc	120

```

cagtattgta atggacatag ttgatgacct tcttaacctt ccagatttcg agcctacaga      180
aacagttttg aacttgctgg taactggatg tgtataccct ggcatagcag aaaacatcgg      240
tgagtctatc acaataggag gaagattaat tctacctcat gtacctgcaa ttcttcagta      300

```

```

<210> 33
<211> 286
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(286)
<223> n = A,T,C or G

```

```

<400> 33
gtccagggcc cangtttttaa tttnttttta aaaagcttta ggtcttgccg ggacggtggt      60
tcacncnnnn nnnnnnnnnn nnnnnnnnagg cctaggcggg tggatcaciaa ggtcagcagt      120
tcaagaccag cctgaccagc atgggtgagac cctgtctcta ctggaaatac aaaaaaattg      180
gctgggcgag gtggcaggca cctgtggtcc cagctacctg ggaggctgag gcgggagagt      240
ctcttgaaac tggaaggcag aggttgcggt gagccgagat tgcgcc                      286

```

```

<210> 34
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 34
gtaggttgaa agcctgggtca gctattctgc aagacagtca aaaattgttt acagggctgg      60
acagcatatt gctattgaaa aatagctatt aggagacctt gcacaatttg tgaaacattg      120
ttaggtcat tgtactgtgt aaaatcagga aagaatttgg gaacatactg atacaacaaa      180
aagataggtt gtcaaaccct cacttcacca gaaagctaaa ttaaccagat aagtctttct      240
gaannnnnnn nnnnnnnnnt ttgntcctgc gctgtacnna naccttanana tgggtaattc      300

```

```

<210> 35
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 35
attgaggaag atctaggtaa aacctttaag ttaaccttct aagtctcaga cacgtaaacc      60
caagtgtggc aaaggaactc attgctctcg aaatgcataat atgttggttt atagactgca      120
aactcaagaa aagcccaaca ctactgttca agttccagcc tttcttcaag agctgggata      180
tcgggataat tccaaatttg aggagtgggt tattgaaatg gctgagatgc nnnnnnnnnn      240
nnnnnnnaaa ggaaaagctn ancacgaaga ggntaaggag ctgtaccaa ggttacctgc      300

```

```

<210> 36

```

<211> 294
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (294)
 <223> n = A,T,C or G

<400> 36
 gcttggtcac ccccgaggag agcaggaagc tgcggttctg gaacctggag tttgagagcc 60
 agtctttcct gtatagacag gtacggagga tgacggctgt gctggtggcc gtggggctgg 120
 gggctttggc acctgcccag gtgaagacga ttctggannn nnnnnnnccc ctggncaaagc 180
 acnacacaca tgtngcccca ncccacggct tantcctcan ntcacgcgct gtacnggaac 240
 ctctncnctg cctnctgcac cctgcaggnt nnaaactacn gcaccactg ataa 294

<210> 37
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 37
 gtgaatgctg tgccctgtggc cccacctgtg tgtgatgtcg ccagaacca gccgactcct 60
 tcagagaaag ctgcaggagt cctggagggg gcccttgggc cacatgttgt cactaacctt 120
 tatctctatc caatcaaata ctgtgctgca tttgaggtga ccaggtggcc tgtatgaaac 180
 caagggctgc tatatgaccg gagctggatg gttgtgaatc acaatggtgt ttgacctgag 240
 cagaagcagg aaccccggtc ctgacctgac cagcccttca tcgacttgcg gcaaaggatc 300

<210> 38
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 38
 tcttgttcaa cattatatcc ttagggatta gtacataggc ttgcaaatag caggtatgaa 60
 taaaaaatta ttgaatgagt aaatgaattt aaaatataag ttacttaggc ggtatcttca 120
 ggcatactctg tgtttatgtg gtattcaatg gccacaaaat gtctacatcc taattcctaa 180
 gatctgtaaa cattaatttg catgacaaaa gagactttac agatgtgatt aaatgaaagg 240
 attttgacat gcagataata tctctgtattc ttcattgtgga accaatgtat ttacaagggg 300

<210> 39
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 39
 cttctgcccc cggcacttgc catgttccag tggggggcag atcctcagga cttcacgggt 60
 atggttgcca gctgtgttcc tggcccttgg acacacagtg tggcatcctc atgtttgcac 120
 actttcccca ggctccagtg gcctggatgt caatgtttac aaaggggcaa ggacctctca 180
 tggacactgg cctctagccc tctgtttttg tttgatgaat tctgttataa cctatggggg 240
 caggatatga gtccctgggca ttatttatcc aggacccatc ctcttgggtg ggttttgggt 300

<210> 40
 <211> 285
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(285)
 <223> n = A,T,C or G

<400> 40
 aatttcnctt tcnnagnttn cgnncgggnet taangntttt tngggcnaaa gncceentnn 60
 ggngnctant ttgtgatnctn gngngaaaaan attttttctca ttctgagggtc cacatggcac 120
 cttctggggcc agcagctgtg gccgggtgtat caagggcgcc cttaaagctg gaacattcca 180
 gcaagcttct tgcgcttctc tgcacccggc aggcccactt tcttggcacc ctcgacttta 240
 tataaaagtt gcactgcgtt tcaaaaaccc acccctgaag aataa 285

<210> 41
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 41
 gtttcattta agaagaatga gctagataaa tgtgtctcttc tgggttaccoc accctgacag 60
 agtgcatttt tacacggcta gcaggggttg agactgcagc ctggcctgcc agccattgga 120
 ggtgtttaag gaagggcaga taatgtgact ctttgcgggg tgccatctgc ttaccattta 180
 gcgagcagag ggggtttctg cgggtgaccc ccagcatatt tctagggttac ttatgggcag 240
 atttgaagt gacaaaactc cagctgatgc tgggaatggg gagagggccc ttgagggtact 300

<210> 42
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 42
 cgtctgtaat ccagctgct tgggaggctg aggcaggaga atcacttgaa ccctggagggt 60
 ggcggttgca gtgagcacag atcatgccac tgcactccag cctggggcaac aaaacgagac 120
 ttcgtctcaa aaaaaaaaaa nnnnnnnnnn nnatccttg gncgggttct cccaaattnt 180
 tttgaggggn ccatggncaa cngcttnagc tttgttttgg caaccccntg ccnaagnctn 240
 catataggct gtncttnacc ttgtttccaa ggctgaggan canaaagtan cctntgtttt 300

<210> 43
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 43
 ccatagcctg ttgagtgttc ccagatgtga ctcacctttc tgctgccctc ttcattgcagg 60
 cctactgact cataattcac ttgtcccaaa agccacccca caagcctgag ccaacctgct 120
 gcctgacgcc acagtcattg gcagaggtct gggcattatt aatctataaa aatccatgct 180
 ttacacctgg acagtacaca gggacttcag agattgcagc ttggaataca ttctcccaag 240
 actgaggttg ttcgggtttta attcctgtag tccaatcaca caattttctta tggaaaacct 300

<210> 44
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 44

caaaagataa	tgtgaaactg	ttggtggact	ctctggtgag	gggtgggcag	aacttgctgc	60
tactagagtt	cttgggttct	ccatgatgtt	caccctgggg	ctggccctact	gtgtcctgaa	120
tgtttttggt	atTTTTtTgt	ttatttttta	aacaaactgc	tgtttttata	tacctggaat	180
ctgttggttg	cttcagagcc	agtggttaaa	gagcagggtc	ccaaggattg	ggagatctag	240
tgtctgctct	cctgccctgc	aactcaattg	ggcctttttc	ggtgacctca	tccaaggcca	300

<210> 45

<211> 300

<212> DNA

<213> Homo sapiens

<400> 45

cttgatggca	gtagaaagac	ctcattttca	taacataact	actcttgata	ctttctttta	60
aaacactttt	tattaaagat	tctatcatga	ggtatttggc	tgggagctgg	gaggctaaag	120
cgctcatgtc	ctggtctctc	agtgaattta	actgtgtgac	cttgggcaag	tcacttaacc	180
tctctgtgct	tcagtctccc	tgtcttgtaa	aatgggagta	atacctacct	cacaggggtg	240
ttgtggggat	taattagaga	taatgtctgt	aaagcattta	aggttcttga	agaaggcact	300

<210> 46

<211> 300

<212> DNA

<213> Homo sapiens

<400> 46

ggccggttat	tctctcttta	cagatagcta	tagacatcat	tttaggaagt	gttgcaagtct	60
ggcatttgtg	ctattgttca	ttctctgtga	aggctgttca	tagttgctat	agcctgtgtt	120
tagtttgtg	atttcatcaa	tcccatcttt	ctgtgtgagt	aatgcattct	aaacatccta	180
cccacttta	gaaacggacg	tggggaacgc	ttggtcattt	aagccaacaa	taaatttagg	240
tgaatgtccc	taagtgttta	ctgtttttat	ccagtcaagg	atttgctttt	ccttgaacat	300

<210> 47

<211> 300

<212> DNA

<213> Homo sapiens

<400> 47

gttatattaa	attattcttt	gtttttcttt	ttcttttaat	aaagcctgca	agttactaaa	60
ttgtagtttc	ataaattctg	tagtaaagta	tcactcttggc	agtgtgccaa	aggtgaaaaat	120
gatgctttct	ctaacagaga	aattcttagt	gactccagtc	gtagaaaaac	gtcttttacia	180
cctgaataag	attgaagaat	tgtgaacata	ccatggccta	ttggatgaat	catttgccgt	240
aggctaaatc	agactgtagg	gtttgcgatg	gatttatgga	gtatgtgggt	atagaaatca	300

<210> 48

<211> 300

<212> DNA

<213> Homo sapiens

<400> 48

gatgtcacta	gacaactggc	agtttaaatgc	tcacaccctc	gaactagaag	aggttccaca	60
ggatccctgg	ccaatgccag	ggatcttttag	gtcagcagtc	atgtcaagat	gctctgattc	120
tccacaaacc	cagcttcttt	cccaaactgc	agggaggtcg	gtctgcagtg	acttacctag	180
tattttgttg	tatccctggc	tcacagtgtc	tccccgggtc	aggatcttcg	aatcgaaatc	240
ccatgaagca	catattgcag	tgtctctctga	ctctcaccct	tgaatatagag	ctgggtgggat	300

<210> 49
 <211> 297
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(297)
 <223> n = A,T,C or G

<400> 49
 ctgtttcnnt cctaattgat agtttagctga tttctgttgt ttttctctga naaccaatgt 60
 tgcaatgtgt ctttagtctg gatagctatt gttaaactgc ctacaaagtg agcagatcta 120
 ttaatatcag tttaacttg ggcctttggg gtttgagagg acctttttct ctgcaaccat 180
 ctgtgggctg atttttgcat tttacttggt ataacaaggg agggtaactg ccccttttcc 240
 atcatcccc aaaaggga aaatgagcac tagcataaaa gttcctttgga gaaatat 297

<210> 50
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 50
 ttccttgagg actctaagtc agatagtcca gagccaggcc ctttgggatg tgacaccgag 60
 ataaatcaga gaaaagctgt gaagcttggg gaacagaggg acttttggtg aagtaggtgg 120
 tctgcagttt ctatcttctt gggaaaagca agctggaaaa gtgaacagtg gttggtaggc 180
 catagtgttc ccagctgggt gacataatga ccacacagca cagtgatgtt attagcaact 240
 gtgtggtgga gtagtgtgtg gctggacaaa tcaatcgtgg gaaattgtta ggagttttat 300

<210> 51
 <211> 288
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(288)
 <223> n = A,T,C or G

<400> 51
 agttctntta acaggatnnn atcgattcna attnggcntn angnntggcc nccctggggg 60
 ncncaccaga agntcggana aaggcccaag gngnangcca cgcccagcag tggtnattgc 120
 cccccaactcc ttttttgagt ctatnagcat tgnttggttt tagctgtcat cagaagctgt 180
 gagggaccca cagatttttg aaacgacctg gacacactat tgggaaggag atgtggacgg 240
 cctgtctcct cctgcagggc ccaccctaag aatgtatttt taaacaca 288

<210> 52
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 52
 agaaaggata atggagtttc tgtacaagat ttaccagaaa gagagtgggt tgtagacatg 60
 cctggagcag acaccttgga gccgctgaca gaaggtgaag cagtccaaga aaatgtggaa 120
 acttttccgc tgcctacac agtcacaaa cctgtccatt ttatttcgtt gaagctttgt 180
 ctgagagata accaaataga cagtcaaagt aagttatctc agccacatat ggggagtgga 240

tgctgctgaa ttgtgattaa ttggggggagc catataggta catttgccat gatctgggcc 300

<210> 53
 <211> 298
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (298)
 <223> n = A,T,C or G

<400> 53
 gctactctta cgcactcacg ttcattaact gcgttctgat ggcagaaggc agacagcaac 60
 tggacaaggc tgaatttacg gagaagtacg tggccccgcg gacaaggctg gcatccaagt 120
 tcatcacact ctaccgggag ataccgggagc atggcttcta cgtcactgac tgtccccagc 180
 agcaggcaca accccctgag ggcggcggtt tgtgctgaga gctatgtaag cgcagcctnn 240
 nnnnnnnnnn nnnnnnnngt tgntacctt natcataact atggatatct aaatgcat 298

<210> 54
 <211> 268
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (268)
 <223> n = A,T,C or G

<400> 54
 agtccctgag aggtgggtggg aatggctgct tcattcctcg aggatgcccg ggccccacct 60
 gggcttgctt ttctgttttag agggaagtgt aacntatctg ccatgaggaa cataaattca 120
 tgtaangcca ttttctctta tncannncnt ntctttctan gtacantent tntctaggat 180
 ttgngaagct ncttgcncct gnaacaggnc tcangtnngn gnancnnttt ngnnnttnc 240
 ncnntctntg ntgntttttt cntntntnt 268

<210> 55
 <211> 278
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (278)
 <223> n = A,T,C or G

<400> 55
 aatgtgaaat ccacattggt tccacaggca ccatcagtaa tgtcgaacaa atggagaaag 60
 ttgcagggtg ggctaggaaa gctgtattcc tgtggattac tctagctggt catttgcccc 120
 gattgtgaac tgcttgaaaag aaaaacgaaa cttctaagat gtttgcctt tcatgtcctt 180
 tctgttgga tttcttattt ggngcncctn nctgnntanc nttnnnctnn ttnattnggg 240
 nntcctntna nctnttgtnn ncatcgnnta agttagtt 278

<210> 56
 <211> 254
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(254)

<223> n = A,T,C or G

<400> 56

ggaaattggc	ctataaccagg	agagcggatc	ccagacgtgg	ctgcattgtc	catgggcttc	60
tctgtgaaag	aagacctttc	ttggccagga	ctcgcagtgg	gtaacctgtt	tcacgtcct	120
cgggctaccg	tcatggtgat	ggtgaaggga	gnnnnnnnnn	nnntntacn	cncaggcntt	180
nnntnttnat	nnccnnngtc	nccttnenan	ttnatnttna	ntncnnntt	ngnagntatc	240
tngtcgtntt	cctt					254

<210> 57

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 57

gagacatcat	gtcaacagaa	atggagatgt	gcactgggga	aactgccggo	cgggccgctg	60
gcccgtggac	gcctgggagg	tggccaagge	cttcatgccc	cgaggactag	cagacaaaca	120
aggacctgag	gaatgtgatg	cagttgctct	tttaagtctc	atcaacttct	nnnnnnnctn	180
tgngcnnat	gtntacantg	ccaccaacgt	gnttntgtgn	actcgencan	tcattggacta	240
tctctatgat	natgannntt	ctaggancnt	ngnggataat	actacnttnn	antccttctg	300

<210> 58

<211> 300

<212> DNA

<213> Homo sapiens

<400> 58

acaagggtgct	ggcagtgaag	tgggggcaga	ctgagcctgt	gtagtgaagt	gtcttgagga	60
acgtcagctg	tatcttttag	gaaacaaaaa	ctgcatagac	attgaacca	ggcagaaggt	120
catgaagtca	gagctaagaa	atgctagtgg	ggataggggg	tgagatagag	ttgggaaatg	180
tttcagagct	acaggtgaca	gttgttggtg	tccagttgga	tatgtaccat	gaagggaaga	240
agcagtcaga	gtgggcacca	agctttctag	cctggaggac	tgaatggttc	tgtgcacatt	300

<210> 59

<211> 300

<212> DNA

<213> Homo sapiens

<400> 59

ctctcaaata	gaaatgggag	ataagaaata	tatctgtgca	atattaaatt	gaaaaaaaaa	60
acccataaaaa	agtgtcaaag	gcaaataatt	tgctctagat	cacaaaacta	gttagcacia	120
ggctaggatt	ataaccaggg	tctaggaaaa	aatcctgaag	gtgatttaac	tgagtgttag	180
gccctgtcaa	gccacctgct	aaggctcatg	gtctttcaga	ctagcttcaa	cattccaaat	240
caggcaatag	ctacaacgga	aagataattg	gacggggaat	cctgagatca	gagtcctagt	300

<210> 60

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 60
 aacgtgctgt acaccagcct gcccgtgctc ctcatggggc tgctcgacca ggtaggagcc 60
 tcgcacaagc agggacactt ctggacagat gagaatgcgt tagagaagtc ccaagcaaac 120
 gtttcaatgc attcttctgg tgtttacttc tttctgatca aacctatta taattctgtt 180
 gtcaggcatc aagggtcatg gctgtgcttc ttgttttgta ataaggaaag aggatttctc 240
 tgtagtccca gctactcggg aggctgatgc aggagtatga cttgagccca ggtgttcaag 300

<210> 61
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 61
 ctgttcttaa ccttttcaac tgggggggtct caagtgggtg aggactccat ggccacggca 60
 gcagaactgt ctcttctgaa aaccagactc cggggcccct gggtcagcac ctctaggtca 120
 ttccacagac ttacacagtt taaagaaaga gccagcgaac atgggggtgat cctgggggtgc 180
 cactgggata ccaagccagg cccggaggtc tgctgttttc gtccccagaa acttgagctg 240
 gcatectccg ttggtttgca ctgggcacgg ggactggaga gccaccaggc cactgagcgc 300

<210> 62
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 62
 cctgcttcca ggtctccctg tcccccttgc ctgccttctt ccctgctctg tcccctaagc 60
 tccctccagg cagggaagagg agggcagggtg ctaaaaatga gcctttctca agcacgtgag 120
 cagcggaagg cagacaggcg ccagagccca gcactccctt ttccagcagc tgtgggtggg 180
 gaggggtccc ctccagtttg tcaagagttg aaggaggctc tgtggccagg tgacctggct 240
 gccttccact ccttgtagct cagtctaaac atggagtggc cgctgacaag gcgctccagc 300

<210> 63
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 63
 cccactcgg ggtatgtgaa tgcccagctg gagaaggaag tgcccatctt cacaaagcag 60
 cgcattgact tcaccccttc cgagcgcat accagtcttg tcgtctccag caatcagctg 120
 tgcattgagc tgggcaagga tacactgctc cgcattgact tgggcaaggc aaatgagccc 180
 aaccacgtgg agctgggacg taaggatgac gcaaaaagttc acaagatgtt ccttgaccat 240
 actggctctc acctgctgat tgcttgagca gnacggangt ctttacgtga acccacttga 300

<210> 64
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 64

gagtttttttg	tgatattgag	gcattcatac	agagctgcag	ttagacgggg	ttacggggggc	60
taaaagcaga	aaaaaaattc	catttcacgc	ggatggaact	gaaggatttt	attctataaa	120
gcggccctgg	ttgaatctgg	caattctttt	tgccaagatc	cctagcagaa	gatttagcca	180
tgtccttccc	ctcacttggt	tgagtggccc	cttctgaatc	tctccagcag	ccagaggcac	240
cgtgagaagc	agaaagagct	ggtaaataaa	gccttgggca	agcgacttct	tagatcagaa	300

<210> 65

<211> 299

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(299)

<223> n = A,T,C or G

<400> 65

cacctgacct	tggcctgcac	ccccggcagc	tccccacac	ttttgcgctg	gttccacgac	60
tgccctgggct	tttgccactt	gccgctgagc	ccagggtgaag	atcccagact	gggccttgaa	120
atgacagcag	ggtttgggct	tgggggaatg	agaggttaca	gcnnnnnnnn	nggccatgan	180
gggcananat	tgnatcccac	atatttgann	ngngcngaga	ncccttttng	gggggngtaa	240
angtacaacn	angaagcnct	nttaggacta	aggtttaana	aagntgcttt	ttacccatt	299

<210> 66

<211> 300

<212> DNA

<213> Homo sapiens

<400> 66

atttgtagca	actgtaccat	ctgcttgcca	ctgctccaaa	cttttaccga	cttgcctttt	60
gtaaagaggt	cacctgcgta	tttaaaatat	ccttttgtaa	tgtattggga	aggtgagaga	120
acatatgaaa	atggttgtca	atggagatgg	aaggggcttt	attctcactt	aagagagccc	180
tgggaggaat	aaggttttat	ctggatcagg	tatccaattg	cattggataa	acgtggcctg	240
aggcaggata	aaatttaaaa	acacaataat	aagcctcctg	gtgacatctc	tgttcctttt	300

<210> 67

<211> 297

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(297)

<223> n = A,T,C or G

<400> 67

tgtatcgggt	cctgttccag	ccggcatcgc	cgggtggctt	ccaggcctca	gagctgtgtg	60
gcaggggccc	ctgctggggc	tgacatcac	tgcagtccag	tgcaaagccg	nnnnnnnnac	120
ccagggtgnc	cccccaacta	aacnaaactg	gnggcttgga	agcccnncn	natgggaang	180
tncaaaaaaa	ggtcttgnt	ttctctcta	atgcctttct	taactcctga	antcgtttgc	240
tcctaaatct	tggttaattct	ttttctctgg	attttgggtt	cttttggctt	tccttg	297

<210> 68

<211> 300

<212> DNA

<213> Homo sapiens

<400> 68

ccccactcgg	ggtatgtgaa	tgcccagctg	gagaaggaag	tgcccatctt	cacaaagcag	60
cgcattgact	tcaccccttc	cgagcgcat	accagtcttg	tcgtctccag	caatcagctg	120
tgcatgagcc	tgggcaagga	tacactgctc	cgcattgact	tgggcaaggc	aatgagccc	180
aaccacgtgg	agctgggacg	taaggatgac	gcaaaagtgc	acaagatgtt	ccttgaccat	240
actggctctc	acctgctgat	tgccctgagc	agcacggagg	tcctctacgt	gaaccacctt	300

<210> 69

<211> 300

<212> DNA

<213> Homo sapiens

<400> 69

ccccactcgg	ggtatgtgaa	tgcccagctg	gagaaggaag	tgcccatctt	cacaaagcag	60
cgcattgact	tcaccccttc	cgagcgcat	accagtcttg	tcgtctccag	caatcagctg	120
tgcatgagcc	tgggcaagga	tacactgctc	cgcattgact	tgggcaaggc	aatgagccc	180
aaccacgtgg	agctgggacg	taaggatgac	gcacaagtgc	acaagatgtt	ccttgaccat	240
actggctctc	acctgctgat	tgccctgagc	agcacggagg	tcctctacgt	gaaccacctt	300

<210> 70

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 70

gtttgtttcc	ccgagatgtg	aacttgctga	aggaaaacag	tgtaaagagg	aaggccatac	60
agagaactgt	cagctcttca	ggatgtgaag	gcaagaggaa	tgaagacaag	gaagcagtga	120
gcatgttggt	taactgccct	gcctactaca	gtgtgtctgc	tccaaggct	gagctactga	180
acaaaatcaa	agagatgcca	nnnnnnnnnn	nntgaggaag	aggaacaggc	anatgtcaat	240
gaaaagaagg	ctgatctcat	tggaagtctc	accacaagc	tggagaccct	ccaggaggcg	300

<210> 71

<211> 300

<212> DNA

<213> Homo sapiens

<400> 71

tcaggccgct	gggtgacggt	gtgctggcca	gatagtctct	ggggctgcag	gtggcttctt	60
tcgccccatc	cctccccatc	cctttcatc	ttcctgtcaa	cacatctcag	accctggaca	120
ccgaatgagc	cgtcggtacc	cacaccccag	ggcaattcag	tggaggggta	ggtggctcgt	180
tccccacgt	tgccccagga	agaggaccct	gtccccggca	tcctgaccca	cctcccttag	240
agaccgagag	cctctaagga	taaaccatt	caccgtgtt	tcagaggcct	ttttttcctc	300

<210> 72

<211> 300

<212> DNA

<213> Homo sapiens

<400> 72

gttcaggggtt	gggtgggtctg	tggaccttga	gctagttttt	aatcaacatg	gaaactccag	60
tgatctattt	aaaaacttgc	attgggtcat	gccaggttta	ttggagggtta	tacctccaa	120
tgtatttcca	actcaggggtt	aaagccaagg	tccttatggt	ggaagatggg	gcatataaac	180
tggcattctg	gcgctcacac	actccaatat	ctactactct	cccctcttgc	tcgctcagct	240
gtggcttgc	tattcagctt	tttgcctctc	ctggaatata	tcaaacatat	gtaggcccag	300

<210> 73
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 73						
ctttgaagag	aggaggggga	ctttagagag	ggatgaaaat	gagccctggg	agggaggaag	60
ggacgaggag	gggtggctgc	atgttaccgt	cccctacctc	tccccacgtg	gaggggtggag	120
cagttatgag	ggaggaagtc	aactgctgtt	cagcctcaga	ataaagggtgc	cgttcactgg	180
ctcagttacc	tcctgtgtac	cggcattctt	tggtgggaat	gttccccct	ccctaggggac	240
caaggaccac	ccctacaaaa	agagtaaatg	ttgggtgata	ctccctcaag	ccaaagagga	300

<210> 74
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 74						
gggattaaca	atgctgaagg	actcttagta	gtagtgactg	tcattctgtgc	ccctctaact	60
ttcctgagcc	tcacacacaa	cctgtgggca	ggatggagta	gatcatgttg	ctgactgctg	120
ccgtaggcaa	gtaaatggag	ccagaaagtc	ccactgttga	cagggtgcca	cagctgacca	180
gggactgtca	ttctctccac	ccacaggctg	tggagggtga	ccacagcatg	tgcccacctc	240
caccaatccg	caacgagcag	ccggnactgg	tgctgnggca	gaggntgccg	tcattgccca	300

<210> 75
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 75						
tgggggctct	gaagtttcac	caggtggacg	ctggggagcg	ggctcccgag	cacttgtcta	60
cctcccgcca	gtcctgacaa	cttttctggc	caacctaccc	agcttcgctt	ggctggcgag	120
cgcatctgct	gctgggggtt	gcggtgcaga	tggagacgca	gtgggtggcca	gaggggtgatg	180
gagaagacgg	gaaaagcgac	agccacgctc	ctggctgaag	ccgcaggacg	caaataaactt	240
actttgtacc	tgacagtttc	tcacgttggt	gtggaggccc	tgtttctctg	aaataaactc	300

<210> 76
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 76						
gcagggcagg	gctaaagtgt	gaaatggaaa	tgaaggagca	ggtagccatg	cagccttgtg	60
ctttccagca	acaggggtga	cacttggtcc	caagaggacg	cagctgaaag	accctctggc	120
agggagaacg	tgtgaggact	ctgtgggtga	ttctgagttg	tgctctctct	gcttaatctc	180

atctgattct agcagtaact ccaagaggta agcacatttg tgagtctgtg tttccaatgg 240
 aaaagctaca tgaggccac caggtcccag aactcaaca tggtggggct ggggttcaaa 300

<210> 77
 <211> 296
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (296)
 <223> n = A,T,C or G

<400> 77
 aaaggaccta agtgtgaaat acccgaaga cgtcccatc acccttccaa acctgttgag 60
 gtccattttg catcactcag accctgcttc cagccccag aatgtggcta actctcctac 120
 caaggagtgt cttcagagcg aggcagtctt acagcggggg cacatctccc acttgagagag 180
 agagatccag aaactgagag cagaaataag cagcctccag cgagcacaag tgcaggtgga 240
 gtcccagntc tccagtgcc gctanntgn ntacnttgnt ngtngtngnt gatatt 296

<210> 78
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 78
 tgaaaaaat cacagctcct gcagcaagtc tatgcctggg taacaaccaa cccacaaaat 60
 ccaagaggag gtccccctct cccgcctctg tgaggcttga ggagcagtat gtatctgggc 120
 cagcctggtc ctcagagtgt ggaattaaca cctttcctct agcaactgtt tgtgctgctg 180
 agaacagcac agactctctg gcagcctggg tctctccaga gggaagcctg tgaagcagaa 240
 gaaacatatg gcatctgcac tcagggcgcc cagttccatc cggccttgct ataaaatgac 300

<210> 79
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (300)
 <223> n = A,T,C or G

<400> 79
 caaaaagctg ctgctgggca gcccagctc gctgagcccc ttctctaagc gcatcaagct 60
 cgagaaggag ttcgacctgc ccccgccgc gatgcccaac acggagaacg tgtactcgca 120
 gtggctcgcc ggctacgagg cctccaggca gctcaaagan cccttcctta gcttcggaga 180
 ctccagacaa tcgccttttg cctcctcgtc ggagcacgcc ccatattagt ggtccgggcc 240
 cgggcaggcc cagctcaaaa gagggcagac gcagcgacac ttgttcttac acaccccat 300

<210> 80
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 80
 ctcccagcct cctcctccaa cgcccttttg atccaagatt gagtaagaga cattggcaga 60

tgctgagaag	gacaacccaa	ttgttttaac	ttgcagaccg	agggggagat	gggttccagt	120
ctgcacatga	ctcgtgcaca	gtccccccac	cccaccctga	cttagaaaat	tccaaaccga	180
ctacaagacc	agaaacaaac	cacatgccag	tcgccccctt	gtctgtacac	acatgtggag	240
ttcagagcca	cccttggaga	gaggctgctc	aggctcagct	ccctgtgctg	ggcttttctag	300

<210> 81
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 81						
acatagcccc	cacccctgag	ggatgagaca	gctccctgca	ggcaggctgt	gcccagtcac	60
ctcaagccta	cagctgggct	gctggctgca	gggtctggag	ggcgggtggg	aggggtggcag	120
acagagtagc	aagaccccca	cttccctggc	cttcttcaca	gacctgcgtc	atgcgggcct	180
gggaccgcag	caagcccttg	ctcttctgcc	cggccatgaa	caccgccatg	tgggagcacc	240
cgatcacagc	gcagcaggta	gaccagctca	aggcctttgg	ctatgtcgag	atccccctgtg	300

<210> 82
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 82						
ggaagaggat	gactgggtat	gctgtgccac	ccttgagggc	catgaatcca	ctgtgtggag	60
cttgggcttt	gacccgagtg	gccagcgcct	ggcgtcttgt	agtgatgacc	gtactgtgcg	120
tatctggcgt	cagtatctac	caggcaatga	acaaggggtg	gcatgcagcg	gctctgaccc	180
cagttggaaa	tgtatctgta	ctttgtccgg	cttccactca	aggaccattt	atgacattgc	240
ttggtgtcag	ctgacagggg	ctctggccac	agcttgtggg	gatgacgcga	tccgcgtgtt	300

<210> 83
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 83						
cagagctgta	tcttcagtgg	tgtgatgaag	ctacagtagg	ggagatcact	catgctaggt	60
atggatctcc	ttacccttgg	cctctgaatc	atattttggc	ctatcaaaaa	cagtggnnnn	120
nnnnnnnnnn	nngtaaaaaa	atcttnggng	gggggagaaa	aaatcnggac	ccggtgttan	180
aggatgtaga	ccagtgctgt	caagctctct	ctcaaagact	gggaacacaa	ccgtatttct	240
tcaataagca	gcctactgaa	cttgacgcac	tggtatttgg	ccatctatac	accattctta	300

<210> 84
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 84						
gtcctaccca	aacctgtggc	cgccactttt	gaattctcag	attgccctga	atcttgcac	60
ttttaataaa	tgtgctgaat	aagctcagca	actaaaaacc	attacccaag	aacgtttctt	120
gtgagtgagc	tgatttattc	tgattcatta	tattcctttt	ggtagatttt	atacccttgg	180
gggaaataat	acaacaaaaa	catctcttaa	aaatgctggg	atggggccat	atctactagc	240

agaggccaga tggtcagata tgattttctgc aaacccatct tgaccttgag tatgtgaagg 300

<210> 85
 <211> 300
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 85
 tgggtgcccatt attgatgtgg atanacagaa agataagaat ggcgagagaa tgatcacaat 60
 aaggggtggc ccagaatcac caagatatgc agttcaacta atcaatgcac tcattcaaga 120
 tctgtctaag gaactggaag acttgattcc taaaaatcat atcagaacac ctgccagcac 180
 caaatcaatt catgctaact tctcatctgg agtaggtacc ccagcagctt ccagtaaaaa 240
 tgcatttcct ttgggtgctc caactcttgt aacttcacag gcaacaacgt tattttacgtc 300

<210> 86
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 86
 gaattccatt accanatgct actngctctt tgttgcttta tcncnangcc atcgattcga 60
 atnnaggacg agncganngg tatcgncann gatngntntn ntncgctcnt gacccatang 120
 cttngnatng ggatnnagng acagtntcnt gnnaaacatc tatnacnntn atganggcta 180
 tcnntttaat gatnttgaga atnatgacng gcttgatgac tanaacaatg cngaagatna 240
 ncgccactga tgggtgnaca tacttccctc ttttactact cgctnacaa tcacaatctg 300

<210> 87
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 87
 gtgcgctgtc caggaatgac gtgctgaagc aggaggtgcc agagggcttt ccctttgccc 60
 atgtcctttg ggcaggatgt ggatgcagct gtcggggcag ctctgggtcat gctccggaga 120
 cacctcaacc agaaggaatc ttagacagca aactctttcg ccaaacgact gctgtgaatt 180
 ttacctgatt aacattcctg acaccatctg tgggtcatcc tttccctgga ccgttcagtg 240
 gacagctttc aagcagtgtc tgttgtgagg tcccatcttg gccagaact taccttcaga 300

<210> 88
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 88
 ccaaggagtt ttccaccgt ctctcatggt cacagcgcta gtcattcatt tttgagaagt 60
 tgcttctttt acatcagaaa accagtcaat catatggaga cttcttttgt gatgaaaaag 120

ggcttttagaa	gttaaataca	tgcatgcaca	tgaaaacatg	cacaaccaca	gcctcaatct	180
tgtattttagt	ttggggaaag	agaagagaat	ttcctgtgga	ttatTTTTTtc	ctcaagtgca	240
cctctctggt	taacccaaac	tctgcaagaa	agcactgtga	ctaaaacata	cataacgcct	300

<210> 89
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 89						
agaaatcgga	acaaaagtag	aagttgtgga	aaggaaagaa	catttgcata	ctgacatTTTt	60
aaaacgtggc	tctgaaatgg	acaacaactg	ctcaccaacc	aggaaagact	tcactgaaga	120
taccatccca	cgaacacaga	tagaaagaag	gaaaacaagc	ctgtatTTTTt	ccagcaaata	180
taacaaagaa	gctcttagcc	ccccacgacg	taaagccttt	aagaaatgga	cacctcctcg	240
gtcacctTTTt	aatctcgttc	aagaaacact	ttttcatgat	ccatggaagc	ttctcatcgc	300

<210> 90
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 90						
ttgattgtca	taacaattag	tggatgtgtc	cagttctctg	tatctttgac	ttgatgcttt	60
atacatcatt	tcatttgttg	cttctaaggg	aataagccat	agaggcttct	ccaggTTTtaa	120
agaacagta	aagtacctgg	aaaaccaaca	TTTTTgaatg	tatggacact	ggacatgaga	180
tatgtacaat	gaaatcttaa	aagaatctaa	gaatttgccc	tctttgcccc	actccaccca	240
gtaatttgac	attactagtg	ccatgtatag	gacccaactg	agtattagaa	tcagtTTTga	300

<210> 91
 <211> 267
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (267)
 <223> n = A,T,C or G

<400> 91						
ataggaaagg	gaagcccat	tcccaggTca	aagcctttgc	ttactcgTTTt	atgtttatTTt	60
tatTTTTgag	acagagtcta	gctttgtTgc	ccaggctgga	gttgcaggTg	caatctcggc	120
tcattgcaac	ctccgccttt	tggattcgtg	cagttctcct	gcctcagcct	ccaagtggTg	180
gggatcgag	gcacacgcca	ccatgcctgg	ctaattTTTtg	nnnnnttann	ggctgnncn	240
gngaancctn	nnntntnctn	nnnntnc				267

<210> 92
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 92						
aaaaattgtg	atgtaagtgg	tacagtgggg	agaatttagg	gctctcagaa	tgcagaaaaac	60
tagccacctc	cagttctgtg	cctgaccacc	atctgacttt	ggataaatcc	cttctgctct	120
cccacctagc	tttatcatTTt	gtaaaatgag	tctctaggta	cagccctTTTt	tggttgTgaga	180
cagagTTTct	gaggagtaaa	agccatgtca	ttgtggaaac	aggcagctat	tctcacagct	240
ggcatgagcc	cactactccc	ctataatcag	tgctgataaa	ctgctctcat	ttgttgTgact	300

<210> 93
 <211> 277
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(277)
 <223> n = A,T,C or G

```

<400> 93
agtgtatcca gatctaagta atctcagtga actatacatt gcctaaaaag tggttttgta      60
atgatttgta gtcacatttc tattgggata tgnnnnnnnn aaggcgaaat gcttaaagtt      120
ccttttatatt tttaaaagca gntagataga cacagacttg ccacctnata catctgctcc      180
ttggcaacat cnnnggggaa nnactagccn acatgcctat ggctaaaaaac tttncctttgc      240
nnactancgc nctgnttggn gcttcngntt ntannnt                                277
  
```

<210> 94
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

```

<400> 94
attcggcacg ancccaatcc ctggggcgccc ctggtatcca aaggggcccag ggaccctgtt      60
gcgctgccct ggcctcggca ttcgaggctc ccctagggcc gtgcctgtgc gtgtgcggtg      120
gcgtgtgtgt gtgtgtgtac tgcattgccc cccgggtagc aagctggtgg acagatctgc      180
tctgtggagg ggcgggcacc agntccactt atgtgcctgt gctccgaggg ccaatgggct      240
gcagggcctg cttggaggaa ggatttgtgt gtaggaggcc tctccgaggg caattctgtt      300
  
```

<210> 95
 <211> 300
 <212> DNA
 <213> Homo sapiens

```

<400> 95
aaaacctgct gtcaaggctt gaagagccgg cactactcaat ggcaaacaca gcaccgagtc      60
tgctctgaat cctggaggat ctggccctcc tctcaacccc cactcacagt caccgtctta      120
caactcaggg ccacctggga tcagtcatca gtcagggtgc gtaagccttg aataccaggt      180
agcctcagga gtgaaaagat aaatgtccta gatcattacc ttattcagtg tccccacctt      240
gcagcgcatt ccaaccacct gggagcattt aaaactccag atgccacac cacaccctgg      300
  
```

<210> 96
 <211> 283
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(283)
 <223> n = A,T,C or G

<400> 96

gtaacctgac	acccagggag	ggagggaggg	aggggctggn	nnnnnnnnnc	ctgnannng	60
ggntcacct	gttctnnntt	nttntntttt	tnntntang	ntcacnntng	ttancatnnt	120
ttntancttg	nnnttattn	tnntntttt	ntnanccttn	ttntntttgt	tnntnttctt	180
ttttntnctt	tatttttggn	ttctnccntn	ntntttntgg	tttttanttn	ntntttnttt	240
ttttnttttn	tnnttnntt	ngnttctntt	ntntgtcttc	ttt		283

<210> 97

<211> 277

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(277)

<223> n = A,T,C or G

<400> 97

gtttcacatt	tgctgccatg	agcaaagagg	aggtcgacag	gtacaatttt	gtgatgctgg	60
ccctgtcctc	ctcattcctg	gtgtttatct	atctcttgac	ccgttggtgt	ggcagcgtgg	120
gcttcatctt	ggccaactgc	tttaacatgg	gcattcggat	cacgcagagc	ctttgcttca	180
tccaccgcta	ctaccgaagg	agccccaca	ggccccctggc	tggcctgcac	ctatcgnnnn	240
nnnngnncgg	gacatttgcc	ctcagtgggtg	tggttnc			277

<210> 98

<211> 300

<212> DNA

<213> Homo sapiens

<400> 98

aagacttttg	aaacacacat	taaaatatatt	catgctccga	acgccagcgc	accaagtagc	60
agcctcagca	ctttcaaaga	taaaaacaaa	aatgatggcc	ttaaacctaa	gcaggctgac	120
agtgtagagc	aagctgttta	ttactgtaag	aagtgcactt	accgagatcc	tctttatgaa	180
atagtttaga	agcacattta	cagggaaacat	tttcagcatg	tggcagcacc	ttacatagca	240
aaggcaggag	aaaaatcact	caatggggag	tcccccttagg	ctcgaatgcc	cgagaagaga	300

<210> 99

<211> 300

<212> DNA

<213> Homo sapiens

<400> 99

gctagactca	agctgtcttg	agagtgtgaa	acaaaagtgt	gtgaagagtt	gtaactgtgt	60
gactgagctt	gatggccaag	ttgaaaatct	tcattttggat	ctgtgctgcc	ttgctggtaa	120
ccaggaagac	cttagtaagg	actctctagg	tcctaccaaa	tcaagcaaaa	ttgaaggagc	180
tggtaccagt	atctcagagc	ctccgtctcc	tatcagtcog	tatgcttcag	aaagctgtgg	240
aacgctacct	cttcctttga	gaccttgtgg	agaagggctct	gaaatggtag	gcaaagagaa	300

<210> 100

<211> 300

<212> DNA

<213> Homo sapiens

<400> 100

aagtcctatg	aagcttttgg	acagcatgtc	atcgaagacc	atgaacgtat	aggctatcag	60
gtcactgcca	tgattgggca	cacaaatgta	gtgggtcccc	gatccaaacc	cttgatgcta	120

attgctccca	aacctcaaga	caagaagagc	atgggactcc	caccaaggat	cggttccctt	180
gcttctggaa	atgtccggtc	tttaccatca	cagcagatgg	tgaatcgact	ctcaatacca	240
aagcctaact	taaattctac	aggagtcaac	atgatgtcca	gtgttctgta	taaaatgcaa	300

<210> 101

<211> 300

<212> DNA

<213> Homo sapiens

<400> 101

atgttgccca	ggctgggtctc	aaactcttga	cctcaagcaa	tactcctgcc	ttggcctccc	60
aaagtgtctg	gataataggc	atgagccatc	atgcctggcc	gaacttattt	ttaaattctt	120
tgggaatcta	aaaggactat	gtgctttctt	ttttactgga	ttatgtgaga	agataatagt	180
ttgcagagaa	attcagtga	gcagctgata	aaatgcttta	aaaatatatt	tcagagaatt	240
gagcaataac	agtgatgtca	aaatagtagc	cccaccttct	ccagcccacc	taaaccaaca	300

<210> 102

<211> 300

<212> DNA

<213> Homo sapiens

<400> 102

gatgcaagg	ctgaagctga	aacttcagag	agcatcggca	tttaaggaag	aaccttggct	60
gggcgtggtg	gctcacgcct	gtaatcccag	cactttggga	ggctgaggcg	ggcggattgc	120
ttgagcccag	gagtttgaga	ccagctggcc	aacgtggtga	aaccccgctc	ctactaaaaa	180
tacataaatt	agctgggcgg	tagtggcatg	tgcctgtaat	cccagctact	cgggaggctg	240
agagaggaga	atcacttgat	tctcctggga	ggcagagggt	gtggtagctg	agatcgtgcc	300

<210> 103

<211> 300

<212> DNA

<213> Homo sapiens

<400> 103

atttttagtg	ttttacagtc	atttttcatt	taatatttac	agaagtccta	tgaaataatg	60
actgtgatta	gatactgtta	ttattaagga	aactgagcct	tagagagggt	aggtaacttg	120
tctaaggtag	agctatgata	caaaccggg	tctcattggg	tgggcatttg	tgtcagtcac	180
tgagtataag	gtaactggga	caaggagctc	aagcagctcg	tcgttttagta	tcagagacag	240
agagctcagg	ccatggcccc	actatgaaca	aagtgggtctt	aggacacaga	aaaagagtga	300

<210> 104

<211> 300

<212> DNA

<213> Homo sapiens

<400> 104

gcctgtagtc	ccagctgctc	gggaggctga	ggcaggagaa	ttgcttgggc	ccgggaggcg	60
gtggttgca	tgagccgagg	ttgcgccact	gcactccagc	ctgagcaaca	gagcgagact	120
ctgtctcaaa	caaaaaccaa	aagacatcag	gaaacatgcc	tcttatggaa	tttgaggggg	180
aaaagtcagg	gtcttggcag	tgaccttgga	caagccatta	gcctcttgat	acctcttttc	240
tcactctgta	aatgaagggtg	gtagttacct	acttcacagg	gttattaggg	gattcaatgt	300

<210> 105

<211> 300

<212> DNA

<213> Homo sapiens

```

<400> 105
cagaggcttt gctagtatcc ttcaaccaat ttctagtaaa aatatacctat ataaccataa      60
ttatcaaaac cagaaaaaca acattggtag gatactataa agtactaatc ttatttttggga      120
tttgacgaat ttttacatgt ttttttcttt tttagtgtgt actctaagaa gttgtattac      180
atgtacagat tctgtgaacc actgcaacca cataaaacta atgaacacaa agtccctcat      240
gctacctttt tatgcttaca ctccatccaa acctaactct gccaaaccact tttctcctat      300

```

```

<210> 106
<211> 287
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(287)
<223> n = A,T,C or G

```

```

<400> 106
acctgagcta gggttgcagc agaaattgag ttgcagcttg cccttggtcca gacctatttt      60
ctgcttgctt ttttgaaaca ggagggtgcac gtaccaccca attatctatg gcagcatgca      120
tgtataggcc gaactattat cagctctgat gtttnnnnnn nnnnnnnnna taatgcgana      180
gangccatca cnnctctatt gtgtctnaan tntngccttg ngntattcca tgnctctctn      240
ntatnnanct ntacnaatan gttttacgtn atncnnttcg atttttg      287

```

```

<210> 107
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 107
ccctggatga aaacctaggc agtaccattc aggacatagg catggggcaa tactttcatga      60
ctaaaaacacc aaaagcaatg tcaacaaaag ccaaaattga caaatgggat ctaactaaac      120
taaagaacct gtgtgcagtt ttatttgga gtgtgtgtgg ggtacctctg agtttcaaaa      180
atgaagaaag taagtagtca tgctttcctg actctttggt agacatagcc ttttaagacag      240
tcattctgag ctgttatggt cttaggggtc cctatactac taaaacttat tgatgacatg      300

```

```

<210> 108
<211> 285
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(285)
<223> n = A,T,C or G

```

```

<400> 108
atgcccntag tacgcaacaa ntccttcttg ctccaagagt aggaaaatta ctgttctntn      60
tgccagtgag attcctcttc tgggtattacc tttgcttcaa agtccctgaa ttgcccatc      120
cccacttcat agcacttatt gctatctgga attacactaa atgtcacctt catgatggta      180
ggcaatttat tgccttagtc acagttatgt ctagagaaca agcagctggc tcatagtagg      240
cactcaacaa atatttggtc aatgaatgaa tttataaatg aatgc      285

```

```

<210> 109
<211> 300
<212> DNA

```

<213> Homo sapiens

<400> 109

aattgtaact tattccagga taaatgtcat atgcatatga ttttcatatg actttgatga	60
gtatcttcag ggaaaattcc taaaaatcga attgctggat taaggggtaa atgcatgtat	120
agttttgtta gacagggcca catacccttc cttagaggta gtaccctttt gtattcctgc	180
cagtaataata tgagagtcca cagagtatgt ggttaagctt tagaatgctt gtccatctga	240
tagggaagaa atcgtgttgc cttaatttgc cttctcttta ttatgaatca gattttaatc	300

<210> 110

<211> 300

<212> DNA

<213> Homo sapiens

<400> 110

cagccaatag ccatgtaact gagcttggaa gaggatcttg ctgtcctggc caacatctca	60
ctgcaattct atcagttgaa ttccctggat agtccaagct ttgtggatcc ctccaccaga	120
acaactggat ccagtagctt gaatcctgaa tcttagactc ttatacttca aacactgac	180
acgggaacag ccggtcagc agctcctgag ttcctaagtc tcagaacatg gatgagatga	240
taaatgtttg ttgtgttaag ctgccaacct ttggcgggg ggtattcgtc acaggcaaca	300

<210> 111

<211> 300

<212> DNA

<213> Homo sapiens

<400> 111

aagcaacttc ttgctcttc tcaatataga attcaaagat ttgagagggt ctgcaagctt	60
tttctgaaa ccaagtacct ctggtgacag tttaaaaagt ggaagcattc cattggcaaa	120
tgaatccttg gagcacaac ctgtatccag tttagcagaa cctgacttga tcaactttat	180
ggacttccca aaacataacc agatcataac tgaagaaaca ggctctgcag ttgaaccaag	240
tgatgaaata aagagagcca gtggagatgt ccaaactatg aaaatttcat ctgtgcctaa	300

<210> 112

<211> 300

<212> DNA

<213> Homo sapiens

<400> 112

ggccgggttat tctctcttta cagatagcta tagacatcat tttaggaagt gttgcagtct	60
ggcatttgtg ctattgttca ttctctgtga aggctgttca tagttgctat agcctgtgtt	120
tagttttgtg atttcatcaa tcccatcttt ctgagtgtat aatgcattct aaacatccta	180
ccccacttta taaacggacg tggggaacgc ttggtcattt aagccaacaa taaatttatg	240
ggaatgtccc taagtgttta ctgtctttat ccagtcaagg atttgctttt ccttgaacat	300

<210> 113

<211> 300

<212> DNA

<213> Homo sapiens

<400> 113

gacttgaaaa aaagtccat ccagcaaagc cagggtcaca tgaaatatgg gcctcctgga	60
atccctacag tggatggaga ctggctcata ccttgccaga tccctctctc agttccagcc	120
ttctggacaa ggctgggct aagaggagct gattcggtat ctcttcaccc actgcctct	180
cagtatcacc agtcccaaag acaggatacg tccctgtaac ccaatctctc ggttgattga	240
tagcagaaca gctcttggtg gtctgagaag gcaggataag tgaccacata tttatgccac	300

<210> 114
 <211> 291
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(291)
 <223> n = A,T,C or G

<400> 114
 gggggggnnaa aaaannnatt tnannnnnttt ttttncaaan nanagggggn tntngntttt 60
 tnnattaaaaa nnnccggggn nnnnccatnn ngtttttttt aaaaannntg gnaannctnn 120
 gngngtngggg cccctnaant gttttnaaag acnccccctt ccaaattttg aaaacattgt 180
 aattggagaa gaaggtanct ctgcaagggt aatctgtcat tctcaatttg ccttattgtc 240
 ttgtttatta agatgttgga aaagcaggag gtagctgtgc ctcaattatt g 291

<210> 115
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 115
 aaacagaatc cctttttcct ttttttgtaa aaagtactca tccctaatat tacattgttc 60
 tggaaggact gaaaataaca gaactcagca ccatgatcgg accgggacaa tcagattatt 120
 tcattcctca gcaaacggag atcgatccga aaagtggaaa tatgagctct tctttggtgt 180
 tggcatatgg accctgagag aaagaacttt aattttttct cttggactgc aataaagtat 240
 agctgcctaa aatacgtttc ctgacacttg gaggtttgtc cacaatcggg aaaaaaggca 300

<210> 116
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 116
 aacagaatcc ctttttcctt tttttgttaa aagtactcat ccctaataatt acattgttct 60
 ggaaggactg aaaataacag aactcagcac catgatcgga cggggacaat cagattatct 120
 cattcctcag caaacggaga tcatccgaa aagtggaaat atgagctctt ctttgggtgt 180
 ggcataatgga ccctgagaga aagaacttta atttttttct ttggactgca ataaagtata 240
 gctgcctaaa atacgtttcc tgacacttgg aggtttgtcc acaatcgggt aaataaaggc 300

<210> 117
 <211> 298
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(298)
 <223> n = A,T,C or G

<400> 117
 caaaggccct ggggctcctt ctagctggag gaatgcaagg ctagcttggtc tggagcactg 60
 agaggatggc ctgaactgag tggagagaga cagaccagga ccaaaccatg cagagggtcaa 120
 gggccacatt caccttttca gtagtactca atcaaatttg tagtttgtaa aagtatttta 180
 acagctctgc ggcaaagtgc aatgaaaag tcttgatggc atggactgga gcggggacag 240

tggggatgga gaaaggggaa tggattggtg gnnnnnnnnn nggtanatnc atgtgaac 298

<210> 118
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 118
 cccgctgagt ggcagtggca ggaagtcggt ggaagcagat ccctgtgcag aagttgaatt 60
 accagggcgg ccacacacgg gctgcacaac ctttgcagtc gtgcacggca agtgggatgt 120
 ggctcccgcc catgattggg cacctggtca ggctgggaga tccaaatagc acccagtggg 180
 cagctgtccg acccctggag gggcaagcca ggaaagaaac ttagggcccg ctgtgaccag 240
 atgtccctcc cagttgggaa gactaaactg gtttggccaa tatctcccag gattccctcg 300

<210> 119
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (300)
 <223> n = A,T,C or G

<400> 119
 gaaagcagat gtagtagaca tctactgttt ttgcctaaac agaatccctt tttccttttt 60
 ttgttaaaag tactcatccc taatattaca ttgttctgga aggactgaaa ataacagAAC 120
 tcagcaccat gatcggaccg ggacaatcag attatttcat tctcagcaa acggagatcg 180
 atccgaaaag tggaaatatg agctcttctt tgggtgttggc atatggaccc tgagacnaaa 240
 gaaccttaat tttttctctt ggactgcaat aaagtatagc tgcctaaaat acgtttctctg 300

<210> 120
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 120
 atttgagaca ctggttttaa tgaaaatgga tataaggtat gtataactgg ggggtggggtg 60
 agggtaggag gcattttaca ctcagatttt atttattttg aaattatcaa ttgtataaat 120
 ctaatttatt accaaatagg gtctttttaa aaatattttt atcggtgaaa ccttgacagg 180
 tacttcatat tcttctaata atttaaacag tccaataatg tgggtatacac tttgacatcc 240
 aagaactcac caagatgttt ttcagagatt tattctcgat ttaactatca tagcatttaa 300

<210> 121
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 121
 ggagaactgc tcaactcctt tccctcccca taaaaactca aagtcacctg ggccccaatt 60
 cagagttatg ttttttttgg cacatactag aaaggcagtg cctcagccct tccctgaatc 120
 catggagggtg ttctgtttgg ggcttttttag actgctgctg ctcagctggg tgcttgaact 180
 gacagtaggc cagcctgttc tctgccattc cctagtcatc ctgtgcctca ccacagcttg 240
 cttagagcaa gccttttctc agaccttagg cacagcctct cctctttacc tgatcaatgt 300

<210> 122

<211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 122
 ctttagaaca tatcactact aagtatcagc ttatcttcag aacattacaa cattcacogt 60
 gttcatatgc tttctgagaa gtcaccactt gtaatttcag atcacatata cctgaaggca 120
 ttttatagtt cctaaagtta acatgttaga tctttttttt ccaccccatg agggctcac 180
 tctcaccag gctggaatgn nnnnnntga ttgtagcaca ctttgccac caactcctgg 240
 gctcaagtga tctcctgct ttggcctcct ctgagaagct gggattactg gggcacacca 300

<210> 123
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 123
 cacctttcct ccagtttcca ataacacatt cctcttttcc acctgagacc tcaccagaat 60
 cacctttaat gtctatatct ctaccaatag tctttttaag gcaatatagg ctttctctaa 120
 catgcacttc aaacttcaag atggagggga tgccatacaa caggactatg tgatgggttt 180
 tggtgtgtc cataggaagt cacaacagga aagggaaaga aaccagaacc cagtcatgga 240
 gttaagaagt gagtcagaga gtagatgggt agggacagtg aggtaggcc tctttctaag 300

<210> 124
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 124
 ggaactatgc cctccact cccatcattg ccaattaagt ctttttcct taaaaatcag 60
 ctaaaccatct tccccctga tcccttagtt atgtactctc attcttcgtg tactccatgt 120
 gattcaatag cacagatact tcagtagcac ttaccataat tgccatgaaa taattgtgta 180
 gtttgcttaa tatttgttc tcatattaga atgtaagctc catgagagct aggatcatgt 240
 ctgatttctt tgccattgta ttgcagtgc taaaacaata ttttacaat ttaagtaatt 300

<210> 125
 <211> 276
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(276)
 <223> n = A,T,C or G

<400> 125
 accatttctg tacaacacaa gctggccttg gcagtttcgg tgcatagaaa atcaggctcct 60
 acagctcgag agggcagagc cacagtcctt ggacggcgtg gactgaggcc ggatccttcc 120
 tggaggcctn nnnnnnnngg ggacccagn anctcatcat cancattgct ggagccaagg 180
 agtctgntac ccacgtnnnn tngnggatgc ccgatgncng ntttggtntt nttgacntgt 240
 tnntgntnaa ntntttnng nttctantnn tctgat 276

<210> 126
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 126
 cctggcagtg ttgtcagctc aacctgggtgg gttcagttct gtccctgaggc ttctgctctc 60
 attcatttag tgctacgctg cacagttcta cactgtcaag ggaaaaggga gactaatgag 120
 gcttaactca aaacctgggc atgggttttg ttgccattcc atagggtttg agagctctag 180
 atctcttttg tgctgggttc agtggctctt caggggacag gaaatgcctg tgtctggcca 240
 gtgtgggtct ggagcttttg ggtaacagca ggatccatca gttagtaggg tgcattgctcag 300

<210> 127
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 127
 cataatcgca aagtgggaaca tgaagctcta ggcagtagtc tcctgactgg cccagagggga 60
 cttttggcca aagaacgaga gaacttaaag cgattaaaat gtctgcgacg ataccgccag 120
 cgctatggag tggaagcctt actgcatagg cagttgaagg aacggagaat gctggccaca 180
 gatggtgctg cccaacaggc ccataccact cgttccagtc agagggtgctt ggcctttgtg 240
 gatgatgttc gttgttccaa tcagtctctt ccaatgacca gacactgcct taccatatt 300

<210> 128
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 128
 aggtgcatag agttttgctt ataatcccaa cactttggga ggctgagatg gggagatcgc 60
 ttaaggccag gagttcgagg ccagcctagg caacatagca agaccccat ctctattaaa 120
 acaaacaac aaacaaaatg ttaaataaag gaagcagatg agtatgtgct aactaggctg 180
 gcatgtgtct ttgttggtga catggagcct ctgtcatccc ctacagact gcatacgagg 240
 attggttcat caccctctac aacgtgctgt acaccagcct gccctgtctc ctcatggggc 300

<210> 129
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 129
 gaccaggtta gaccagctca agagttcatg ttctttgtca tcctcctgtg agctctctgt 60
 aagtctcttt ctgcccato accacatccc tagtactggg tatcagtctg gccacttggc 120
 tttctggttt gcccgaatgt ggtctattct tgatgcagct accaaagtaa tgttttaaaa 180
 ccattatacc aagttactat ccttgtcaaa acccccagta actgccaatc tcacttagaa 240
 taaatccgg actcctgtga agcacagcat aaactggcca ctgcctatgc agcaacctca 300

<210> 130
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (300)

<223> n = A,T,C or G

<400> 130

gtcgaatgaa	tcctttgtcg	ccttttagctt	ttagtccttt	gaagagaggt	gagagtggaa	60
atcaagagat	ttttttccac	ggggaagttc	tttttacaaa	gcgttgatth	ctcggcaccc	120
cgcggggagg	gcaactgaca	cggcctccgg	tgcaccttct	gcgctgtgga	gcctctgggg	180
ctcagctggn	nnnnnnctcg	gtcgtgnggc	ggtaggggcg	gagcggngga	agggaaaagc	240
naangctgga	aaagaagcag	ggcagttgng	aaccagacat	ccagaactcc	tgaagggtc	300

<210> 131

<211> 300

<212> DNA

<213> Homo sapiens

<400> 131

ctggactctg	agtcgtcttg	gtcccaggag	ccagtagtga	aggcaacagt	ctgcccacct	60
gtggacacca	gacccctggg	gtccctgggt	agcaagttag	atctctggga	tgtcagttag	120
gctgggtgaa	gaccagaggt	aaactgcaga	ggtcaccacc	cccaccatgt	cccaggtgat	180
gtccagccca	ctgctggcag	gaggccatgc	tgtcagcttg	gcgccttggt	atgagcccag	240
gaggaccctg	caccagcac	ccagccccag	cctgccaccc	cagtgttctt	actacaccac	300

<210> 132

<211> 300

<212> DNA

<213> Homo sapiens

<400> 132

aaaacttttg	gccatttcag	aatttagaga	gtttaatgaa	tgtgcccttg	tttaagtata	60
aaagtacagt	tcaagtttgt	aactccatac	tttgtccaaa	gactggacgg	gaaaaaagaa	120
agtcaccgga	aaaccgggtc	ctgagaaaagc	tcctcaaacc	agacatagaa	agagaaaagc	180
ttaagaattg	cctggggtca	ccttgatcgt	aagttgacag	tgctggactg	gcagcaaagt	240
gaccgttgga	gtttaatgag	aggaatatac	tcacatcag	tctatttaga	agagatttcc	300

<210> 133

<211> 294

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(294)

<223> n = A,T,C or G

<400> 133

tagggtaann	cngnannaaa	angngcanta	ngttnagacn	ngncnnncnn	tnacnatnnn	60
ngantagaac	atntctatnn	ngnnnnnana	tntnannngn	naaanagggt	tntatggnag	120
nacntctntc	ncnnnnatcc	attctcatca	gcactgtccc	aggatcctgg	agagggagaa	180
ccccggcccc	caggggaaaag	agggcggggg	ctcccgtttc	ctgtgcctgc	accagccctg	240
ccccattgac	gtctgcacac	ccctgcgtgt	aactgcattc	cataccaact	aata	294

<210> 134

<211> 300

<212> DNA

<213> Homo sapiens

<400> 134

ccaatggatg	caggaaaact	gagatgggat	ttccccacgt	tgcccaggct	ggctctcctga	60
gctcaaagca	atccagattg	ctgggattac	agctgtgagc	caccgtgcct	ggctgagatg	120
acttttataa	aaagacttct	ctaaagtaga	aggaagggtg	gaattgtatg	cacaagaaga	180
aaaaaacctg	gaagaaaaac	atactaaaga	ggctggagtg	caatggcgcg	atcttggtc	240
accgcaacct	cgcctccccg	ggttcaagtg	attctcctgc	ctcagcctcc	caggtagctg	300

<210> 135

<211> 300

<212> DNA

<213> Homo sapiens

<400> 135

agactcttca	ttctatcacc	ctgtctcaca	aaagacttgc	ccaaggctac	gaagcaaggc	60
agtgactaga	gtccagacat	cagaactagt	tccatgtttt	ttttttcact	accagtcctt	120
aggcccaaaa	ccgcagatcc	tgctgtgtga	ccattaagcc	cctgactgtt	ctagggtcaa	180
cttccaaccc	tttctgcagg	tcctattacc	tctgcctcat	cctcccaaca	tgataaccag	240
agtcttcctt	cacattgtac	tgcctacccc	cttatgttcc	caggctctcc	cttggtttta	300

<210> 136

<211> 300

<212> DNA

<213> Homo sapiens

<400> 136

gtgtgcttgt	gaaagtgtcc	aggcgtgtgc	acagccagtg	cgcccacttc	cgggctcctt	60
gtccctgtct	gtactgaagt	tttgattttt	gcatccaate	ctgtgtgcct	gcccttctgc	120
cgaaggcttg	tgaggggcct	gagtcctctg	cccatcagga	tgacaggctc	cttcctgcag	180
ggccatagga	gggaagtgtt	ggaaacacag	aatgattcca	aggtgctctc	gttcctgagg	240
gggactgggt	tgtaacccat	gacatctgtg	ggcgagagag	gcagctggga	gcaggacact	300

<210> 137

<211> 300

<212> DNA

<213> Homo sapiens

<400> 137

gctgcatctg	caatgaggat	gccaccctac	gctgcgctgg	ctgcgatggg	gacctcttct	60
gtgcccgtct	cttccgggtg	gtgcagggtg	aatgttctgt	gcgagagctc	aagggtgccc	120
tgatcccttg	acttgtatcc	ctttgttcca	cagagagggc	catgatgcct	ttgagcttaa	180
agagcaccag	acatctgcct	actctcctcc	acgtgcaggc	caagagcact	gaagacaccc	240
tggtcctccc	ggaagggcag	tcccacaggc	agcggcaccc	atttctgggc	cccgccacag	300

<210> 138

<211> 300

<212> DNA

<213> Homo sapiens

<400> 138

gcagggcaga	gttctacctt	ctcaaaccce	ccagccggca	catcacacac	cggaggccag	60
gacccaagcc	cagcagacac	aggatctgct	aacgcagctg	gcagctgagg	tggttatcga	120
tgaaagctgg	aaaggaggag	gccagctgct	ctctctccag	aatgatctca	accagggtgg	180
cccaggggag	actaattcca	agaggcaggc	caactgggtc	ttggaggagg	agaagagcag	240
actgctggct	gaggcagcac	ttgagttgct	ggaggagaa	acgaggcagg	aacggattct	300

<210> 139

<211> 300

<212> DNA

<213> Homo sapiens

<400> 139

aaaagatgag	tgattttgtg	tgggaaaagc	cttcccaggc	gtctgtaccg	aaaggagcag	60
caaacaaggg	gctaataccat	gagcagtgtt	ctgtaggctc	tgtgacatct	ttggtttata	120
ggatttttga	gccttttatg	atctggaact	atctgagggg	tttcattata	ggccttggtt	180
ctctccaggg	gccagatgag	tttattgtgg	aatctttgaa	aggacaaggc	ctctgtgaat	240
gaatcagtc	caggaagca	tttggtggtg	gcggcagtg	aggattgccc	ggtgaaccta	300

<210> 140

<211> 300

<212> DNA

<213> Homo sapiens

<400> 140

ctgctccgag	tcaggcgcgg	taaaaggcat	tttacaatatg	ttacaaccgt	gctctgaggt	60
gggtgttg	ttcttttgcc	cgaaaaggaa	acagagaggt	taagaactcc	cccagagcca	120
catggacaga	gctgggatcg	aaccgaggct	ccaagtccca	gtgttctttc	cagtacctca	180
tgcatagacc	agccttttcc	tcatacaggca	gatcctgcag	aactggcacc	tgggttgac	240
tcagtggcct	ctctgacgcc	ccgcctgtgt	ggacctctcc	acccctgccc	ttggcagcag	300

<210> 141

<211> 300

<212> DNA

<213> Homo sapiens

<400> 141

gccacattct	gaggaacatg	tcattgttctg	ggaggggctaa	ggcatcaagt	aaggcctgtg	60
gggctggagg	atcccaggca	aggtggggca	atccagagcc	atgggggctt	cccattgggaa	120
ttggggaggt	ccaaggcaga	gtcagaggtt	ccacaggagg	agtcagagag	tcaccaaggg	180
ctctcctggc	ccagggagca	gtcaacacca	tggactgaac	acttgctggg	ctccaaccct	240
tggggccaggc	tgcccatgtg	gggccaggag	gcagctcaga	gtggggaggca	gagagagaag	300

<210> 142

<211> 300

<212> DNA

<213> Homo sapiens

<400> 142

ggagtgtgtt	cctcttgacc	ctgggggctgc	atctcctcgt	tgggtgacttc	ctgggggttca	60
gaccctgcc	cctcctccat	tttggggagc	aagatctcat	ctgtctctgg	gacaggagga	120
cctgggttct	gcaactggtga	ggctgagtgt	ggggagcagg	ctctgagccc	ccagctcccc	180
gtgtccctg	ctccccagg	gtacagtgc	accaacgtgg	agctggtgac	acgcacacgc	240
acggagcacc	tctctgatca	ggacaagtgc	aggagcaaag	cggggaagac	tccattccag	300

<210> 143

<211> 300

<212> DNA

<213> Homo sapiens

<400> 143

caagcgccca	tggagctgcc	cctggagcag	gtgccccccac	cgagagtgat	ggaaaagccc	60
gtcctcgcca	cctccaggca	tggccagcag	cgagcggtg	gctctgcagg	agaagtgtg	120
ggtctgagct	ccgtcacggc	cgctcccag	agcccaggt	ccaagcccaa	cacgacttgg	180
aataaatgat	caagttatga	attaaacaca	agagaaatgt	aattaccaca	ggagccagct	240

gagaataaaa tggattacgc acatcacagt cattaaacgg tgatcacatg cgcctttcta 300

<210> 144
 <211> 298
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (298)
 <223> n = A,T,C or G

<400> 144
 gccctgccca acctgctcca gggaccagtg gtcttgggaa gcttgggctg actgggattg 60
 cagactccgg gtctgggtga tagggccctt ggcaaatacc tattcctttc tgggcctcct 120
 tgaagagaca gtgggctgag cttctaggct ccctttgatt cttctgtgtg tggcccagaa 180
 tgggacagac agactgagct gggcacagaa ataccatagt gacagaacca ttcgaagacc 240
 ctgccttgat ggaggccccg ggccagggga ggaggcnnnn nnnngctgtc natctgaa 298

<210> 145
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 145
 gcgacacttc cgctgcaag agttcttccg gggcggaggt caccatggca gctgccttgg 60
 ctcggcttgg tctgcggcct gtcaaacagg ttcgggttca gttctgtccc ttcgagaaaa 120
 acgtggaatc gacgaggtac gaaggggaag tgggtagaag cgggaagtgg tgcgccttcc 180
 ttcagccggg gctttaagcc ctcagcttgg cgctcctctg tttttccacc gtaggacctt 240
 cctgcagacg gtgagcagtg agaaggtccg ctccactaat ctcaactgct cagtgattgc 300

<210> 146
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 146
 aattgatgag ccttattaac tatcttttca ttatgagaca aaggttctga ttatgcctac 60
 tggttgaaat ttttgaatct agtcaagaag gaaaatttga tgaggaagga aggaatggat 120
 atcttcagaa gggcttcgcc taagctggaa catggataga ttccattcta acataaagat 180
 ctttaagttc aaatatagat gagttgactg gtagatttgg tggtagttgc tttctcggga 240
 tataagaagc aaaatcaact gctacaagta aagaggggat ggggaagggt ttgcacattt 300

<210> 147
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 147
 tgttcttgta gtgtttgttg ctattgttag aaagattatt agtgatatgt ggggtgtctt 60
 agctaaacaa cagacacatg taagaaaaca ccagtttgat catggagagc tggtttacca 120
 tgcattgcaa ttgttagcat atacagccct tggatattta attatgagac taaaactctt 180
 cttgacacca cacatgtgtg ttatggcatc actgatctgc tcaagacagc tatttggatg 240
 gctcttttgc aaagtacatc ctggtgctat tgtgtttgct atattagcag caatgtcaat 300

<210> 148

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 148
 attttgccat gtggcagttg gtttgtggag ttgggcaggt gtgaaagggg aaaactccac 60
 ttctgaatgc tgcttctgcc cctggggacc cagcacattg ttagaccatc ttcttgactg 120
 aaaattctct cctgatgctg agccctgcac caccaccttc cttttcctaa ctatgaattg 180
 atggcaaagt ccactcaaaa caaccagtta agtgctcacg agagagtagt caagcacctc 240
 cagaaagaaa cggggttttt gttcacatag caggaagtga ctccctgggt ggtaatttat 300

<210> 149
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 149
 ttcaccaata gaacatgtca cacacgaact ggaaactgat tctgtgggcg acaagagtct 60
 atagtaaacy ttatgacaga ttctttgaat gcgctaactc cagactggac taaagttggg 120
 attaaattta atttgtactt gagttcagtg cattgctggt ctgggcatag gaaatccagg 180
 ttgctgggtg tgaacagctg aaaagagctg tgtcaccatg gttgtctctg tcagtcattg 240
 gaccaccctt acccttgtaa aatcaagcaa gggagagatt attttctaata gtaaagaaaa 300

<210> 150
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 150
 gcaggagaat cacttgaacc ctggagggtg cggttgcagt gagcacagat catgccactg 60
 cactccagcc tgggcaacaa aacgagactt cgtctcaaaa aaaaaaannn nnnnnnnnnn 120
 atcctttggn cgggttctcc caaatntttt tgaggggncc atggncacn gcttnagctt 180
 tgttttggca accccttgcc cnaagncgca tataggctgt tcttnacctt gtttccaagg 240
 ctgaggaaca naaagtancc tntgttttga ggaggnggaa gttaagtatn cnttaatttt 300

<210> 151
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 151
 agaaattaag gcctctgggt tcaatttttg gccccagtggt tgacctctgt gtaagcctgg 60
 caggatgtct catctctggg tcaccttttc cttgccaaca tagtgaggta ttagaccaa 120
 atcattgcta agagccttct aactcctaag acactagggt tagtcagcca aaagcatgtg 180
 attttccag atttccaaa ctcccttgtaa cctaattgaa agtacacaat gaacttgcaa 240
 gaatttaagc atccttagat gccagtcctc actttgggta ttttccagcc tcctcagtg 300

<210> 152
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 152

gcaaaataaa	tcatacagcag	ttggggccacc	tgaaaaagtg	agacgggttta	ctctggatag	60
acttaagcaa	ctgggagtag	atgtttccat	taaaccacgg	ctaggtgctg	atgaagattc	120
ctttgtgata	cttgaacctg	aaaccaacag	agaactggaa	gccttgaagc	agcgtttctg	180
gaagcatgct	aatccagcag	ccaaacccag	ggctggtcag	acagtgaatg	tgaacgtcat	240
agtgaagac	atgggcactg	atggaaagga	agagctaaaa	gcagatgtgg	tacctgtgac	300

<210> 153

<211> 293

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(293)

<223> n = A,T,C or G

<400> 153

gagcttcgga	agctgccagt	gccacaggga	cccaaccccg	tggtgggtgg	gctgcagcag	60
gtcttcacgc	ttatccagaa	ggtgctgagc	aaatggttga	atgatgccca	ggttgnnnnn	120
nnggtgtgct	ctatctttga	taagtttgnt	nttanactgc	tgnatgactt	tnanntcatg	180
gtgcanaaat	gtgaaagatg	ctttgccaaa	tatgntaaat	antgcttggg	gccttgttnt	240
gaattttcnt	caatntnncc	atanatgatg	natctttann	gntcaccccta	ttc	293

<210> 154

<211> 270

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(270)

<223> n = A,T,C or G

<400> 154

tatcagacaa	tattttatta	ttttttcata	gatgtttctgc	cacacaaaga	acttgggggtg	60
taaggataag	gcaaaagctc	caatcccatt	attcagttct	cctaggatgc	acccctcagg	120
gagcctggcc	agagttccga	ggccnnnnnn	nnnnnnntgn	cnentgntcn	acnntgnnnng	180
gctncggcgc	aggcnngnct	gagnantncc	atgangctga	tagnannctg	antctgcccg	240
ngaacngtna	gganagagac	nttactcgga				270

<210> 155

<211> 300

<212> DNA

<213> Homo sapiens

<400> 155

ctgcccgggtg	gagcgggtgc	ttctcacctt	ctgcaaccag	tatgggtgcc	gcctctccct	60
gcgccagcca	ggcttggtcg	aggctgtgtg	tgtgaagtcc	ctggaggatg	ccctggggcca	120
gaagctgccc	agaaggcccc	agccagggcc	tggagagcag	ctcacagtct	tccagttctg	180
gagttttgtg	gaaaccttgg	acagccccac	catggaggcc	tacgtgactg	agaccgctga	240
ggaggtgcta	ctggtgcgga	atctgaactc	ggatgatcag	gctgttgtgc	tgaaggccct	300

<210> 156

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (300)

<223> n = A,T,C or G

<400> 156

ttgattaaaa	acngcctcct	taacctctga	agactgattt	tgccttatca	tgtttcaata	60
ataacatttc	agaggttact	ctgtagcccc	agttgtaagc	ttataaaaac	aaactggaag	120
gctgaggagg	ttatgggctg	gcagccaggc	tatgtttaca	gctgctggag	atggcagtag	180
ccttatactt	tgagcaggta	gtacatccca	ggctgtgcta	gaggtagatt	tgttttttca	240
cgtttgatct	gtggctgggtg	gccacctttg	ttgatttggg	cttacgagtt	tcatagtagc	300

<210> 157

<211> 300

<212> DNA

<213> Homo sapiens

<400> 157

gttggtcttg	tgtggatgca	ggttgctctc	aaggaggatc	tggatgccct	caaggaaaaa	60
tttcgaacaa	tgggaatctaa	tcagaaaagc	tcattccaag	aaatccccaa	acttaatgaa	120
gaactactca	gcaagcaaaa	acaacttgag	aagattgaat	ctggagagat	gggtttgaac	180
aaagtctgga	taaacatcac	agaaatgaat	aagcagattt	ctctgttgac	ttctgcagtg	240
aaccacctca	aagccaatgt	taagtcagct	gcagacttga	ttagcctgcc	taccactgta	300

<210> 158

<211> 295

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (295)

<223> n = A,T,C or G

<400> 158

ggtgtccaca	ctgaagggcc	agctgcagca	ggagcttcga	aggagctcag	cacccttctc	60
cccaccctcc	ggccccccag	agaaatgagc	tcctgctggc	atctggagaa	caccctgtg	120
cctgggacag	gggaggaccc	ttcttttgga	cagccccccc	ccagagcccc	gtcccttgnn	180
nnnnntaage	tgnnnnnnca	ctgggagact	ntgntantga	aatnctnntc	ctnngcta	240
ttantentan	ncgnnggtn	tcttnectgn	nnccaagnca	ncncatgc	gtttt	295

<210> 159

<211> 300

<212> DNA

<213> Homo sapiens

<400> 159

aagcccgcca	cccactgtgg	gactttctgg	tgggctcctc	agctcccacc	ccaggctggg	60
gccagattg	tgaggctctg	gtgcatgtgt	gtgtgtatgt	gtgtgtgcat	gcgtgtgtgt	120
gttggtggga	tctggcctgg	cccttgggga	tgggctgctc	ggggaactgc	ccccttcccg	180
ccgtggccag	gcgctctgtg	tgtgtgtgtg	gccccaggct	ctgttgaccc	cgtccaggaa	240
ctaacttacc	cagcttggtc	tctcctgagt	cctccaccct	ggcctgggat	tggccaggga	300

<210> 160

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 160
 tgccctcagg cagccaaagc actttaaccc ctgcataggg agcagagggc ggtacggcctt 60
 ctggattgtt tcaactgtgat tcctagggtt ttctgatgcc acgcagtgtg tgctttttgtg 120
 tatggaagca agtgtgggat gggctctttgc ctttctgggt agggagctgt ctaatccaag 180
 tcccaggctt ttggcagctt ctctgcaacc caccgtgggt cctggttggg agtggggagg 240
 gtcaggtttg ggaaagatgg ggtagagtgt agatggcttg gttccagagg tgagggggcc 300

<210> 161
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 161
 cccagctgga cctgggtggc ctttcctagt gcctctgctg ggggaggaga gcctgtgtgc 60
 acgtggaggc taggaggtct cagggtgctgc cctggcagca ccagagtgtg ggccggggcc 120
 gagtgtctgc ccctcgcccc tcagggtggg gcacttagca ccagaaggg accaaaagca 180
 gggcatggcg gtgcagagga gtttgggagg tgtaaacagc cccatgcacg tggaggagga 240
 gctggccttc agccccagac cccacgctag cactttccac gctgcttgcc cgctgatgat 300

<210> 162
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 162
 gtccttgtcc agcctccaag acccacaagt cccttcctct gggaagcccc cctggcctgg 60
 aggtgcacca ggaagaagtg gtctggggct ggactaagc catggcccag ggaagactgg 120
 gggaccact aggccaggat gagacctgca cgcagtggct cacagcagca cgatttgtga 180
 cagcccagag cggagaacac cgaacaccca gtgaaggtag ggggatcagc acggcgcggc 240
 caccacgca cccacgcgct ggaatgagac tcagccacaa ggaggtgcga agctctgacc 300

<210> 163
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 163
 ctgacggagg ctttctgtgc tgtggtgatg gggattgagt tgggggcaag ggtccctgcc 60
 tagactgttg acgtcccctg ggaaggggac ccaaggatga attggctgtg aaggatcctc 120
 cctgagactg gcaagggagg aggtgagca gaaggagtca tcatggagga gcggtgagaa 180
 catggaaccg gactccaaga tgacgatcta aagaccggg agcgagaagc caaggccagg 240
 ttctgggtgt agggcccaga gaagcagaac agcccagagc cccaggtgcc tggcctggcc 300

<210> 164
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 164
 aggcagcagg tgaagaggca gggcccctga cggaggcttt gctggctgtg gtgatgggga 60
 ttgagttggg ggcaagggc cctgcctaga ctgttgacgt cccctgggaa ggggacccaa 120
 ggatgaattg gctgtgaagg atcctccctg agactggcaa gggaggaggc tgagcagaag 180

gagtcacatcat ggaggagcgg tgagaacatg gaaccggact ccaagatgac gatctaaaga 240
 cccgggagcg agaaagccaa ggccaggttc tgggtgtagg gccagagaa gcagaacagc 300

<210> 165
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 165
 agacaaagaa aagggtggcaa tcatagaaga gttagtagta ggttatgaaa cctctctaaa 60
 aagctgccgg ttattttaacc ccaatgatga tggaaaggag gaaccaccaa ccacattact 120
 ttgggtccag tactacttgg cacaacatta tgacaaaatt ggtcagccat ctattgcttt 180
 ggagtacata aatactgcta ttgaaagtac acctacatta atagaactct ttctcgtgaa 240
 agctaaaatc tataagcatg ctggaaatat taaagaagct gcaaggtgga tggatgaggc 300

<210> 166
 <211> 286
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(286)
 <223> n = A,T,C or G

<400> 166
 cttgacttcc aactgcccct gagatttgac ctccagtata aggggcaggc ggggtgccctg 60
 gagcgtccag tcctcattca ccgagcagtg ctcggttctg tggaaagact gttggggagtg 120
 ctggcagaaa gctgcggggg gaaatggcca ctgtggctgt ccccgttcca ggtggtggtc 180
 atccctgnnn nnnnnnnna agaggaatac gccaaagagg ctgagcanat gcctgcgggc 240
 tgcaggactg gncantgacc tggatgctnt antctggact gatcct 286

<210> 167
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 167
 ggattctttc actgagcaca aagagttggt ggggcttttag catctgactg atttttttac 60
 ggggttgatt ctgaccatag gaagtatgca atgtgaatca ctatttacag agaaacctac 120
 aacagatgct tgatgttgta gaaactggga catatagata ccaagcaaaa ttataagaaa 180
 cctataaggt gttcaatacg cttgtgtttc caaaattcac tgtacatgat cagtttggtg 240
 ttcttgtagc acagttttta actgaaggaa ccagttgtaa cagtctcaat ttaactaaa 300

<210> 168
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 168
 caaggctgca gtaagctacg atcacaccac tgcactctgg cctgcatgca ctctggcctg 60
 catggcagaa caagaccctg tctctaaaaa aagagaaaga aatcaaaacta atcatgctgc 120
 tcatggattt ttccaataaa tttcttggtt tggcaggaag aaatgaacac tggatttaga 180
 cttaaagatt aaatttcctc aaacatgtcc tatctgtagt agttcaacta gacacctttt 240
 aaagtgcctc taaattcatc agatggccaa actgtattta taatccactt aggcattttg 300

<210> 169
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 169
 gcaagccagg agtgctggca caggcctgtg gtcgcagcta ctcgggaggc tgaggccgga 60
 ggatcgcttg agccaggag gtcaaggcta cagtgagccg tgatcatgcc actgcactcc 120
 agcctgggtg acagagcgag accctgtctc ttaacaacaa aacccatgag cggcagcccc 180
 ccagtccctg atggtggtaa agaatcctca agatcaaacc cacgcagtgc tgagagcttg 240
 gcctgattct agggctgggg ctggagaaac tgctagagat gatgccgata gccagtgtga 300

<210> 170
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 170
 caagagagag tgatagaatt ggcagtgaaa tatacgaacc accctcctgc cctctgggtt 60
 cacaatacgt gtacacttga ctgtgaagtg gctgtgagag tgggtggaga gttcttcttt 120
 gaccctcagc ctgcggtatgc ctctagaaac ctgctgttga ttgcaggagg agtcggaatt 180
 aaccctctgc tttccatcct gcggcacgca gcagatctcc tcagagagca ggcaaacaaa 240
 agaaatggat atgagatagg aacaataaaa ctattctaca gtgcaaaaaa taccagcgaa 300

<210> 171
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (300)
 <223> n = A,T,C or G

<400> 171
 tttgcagccc cccctaggtg gaccnttaa ngatttgnt tttcccctgg gcanccaacc 60
 tgccccanag gcnccagacc tgggntttca gctttgggnc caggctgccc aaaggnactc 120
 cnttatacnc ccggncctt nncgaaana nggnncttnc caagcaagcc cctangattt 180
 gtccctatan anggaaangt gtggcangcn catgagttna aattntttta ngcnattctt 240
 ataatacaaaa tctgaaggga aaaaaatgtt ttagttcttt cccactcgt tgggttcaac 300

<210> 172
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 172
 cctagtccca gagtccctga gcggcatact ggggggtggct gtgcagtccc agcatcccca 60
 acccagcatg tatagagagc atccatcctt acatccagct gacccatgcc catgtctctc 120
 cctgtggctg gaggttcaac aataacataa gtctcttctt tgccctccag atatttctcc 180
 ctgcagtggc tgggaaactt ggcaagagac cagaggaccc aaatgcagac ccttcaagtg 240
 aggccaaggc aatggctgtg ccctatcttc tgagaagaaa gttcagtaat tcctgaaaa 300

<210> 173
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 173

cgtgctaattg	gaaaaattgt	tagtaaaaat	aggttcatgc	agtcttattg	atcatgcttg	60
taattctgaa	gattccactt	gtactttttg	taaccatatt	tctcttctct	tccattctct	120
agttgtgaga	aaaccagtt	gtccaataat	tgtcaagctt	tctcggcct	tagggaatga	180
gcactcaaga	cctttctggg	ccaagtgtgg	tcgccgactc	ctgtaatcct	agcactttgg	240
gaggccgagg	agggagagct	gcttgagcct	aggagttcaa	gactagcctg	agcaacagca	300

<210> 174

<211> 300

<212> DNA

<213> Homo sapiens

<400> 174

ggaaaagagaa	gcatgcaaca	attagatccc	tcaccagctc	gaaaactggt	gaagcttcag	60
ctacagaacc	cacctgccat	acatggatct	ggatctggat	cttgctcagt	actttatgag	120
agtttctgcc	acaaggtgcc	caagaggaga	ggaatgggaa	gagtgcacca	gcacgtggtg	180
actgcgtgat	ttctgctcgt	tgcccttgaa	gataactggc	aggactgact	gtagaacact	240
ttgacttttt	tcaaaaagtg	atggaatttg	tacatccaaa	tgaatattgt	atagacaatt	300

<210> 175

<211> 300

<212> DNA

<213> Homo sapiens

<400> 175

ctggaaacca	tttaccagaa	agtgaacggc	aaggagctga	gatacgaggg	cctgatgggc	60
aaaccagca	tcctcactta	ccagtatgcc	gaggacctga	tcaggcgaca	ggcggagagg	120
cggggctggg	cgcgcccat	ccggaagctc	tatgctgtgg	gtgataacct	tatgtctgac	180
gtatacggcg	ccaacctgtt	ccaccagtac	ctgcagaagg	caacgcacga	tggggcgcca	240
gaactagggg	ccgggggcac	acggcgagca	cagccctcag	caagccagag	ctgcatctcc	300

<210> 176

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 176

cgaaaagccca	tttcaagctt	tgtgctgcct	cttgatctac	ctctttgtcc	aggtggnggc	60
gctttgcctg	gaggatttgc	atgcgtttat	tgcgcaggcc	ttgtgcctcc	aaggaaaatc	120
cacctcgag	cttgtaaata	tacagcctga	ttacatcaac	cccagagccg	tgcagctggg	180
ctcccttctc	gtccgcggcc	tcaccactct	ggtttttagtc	aacagcgcat	gtggcttccc	240
ctggaagacg	agtgatttca	tgccctggaa	tgtatttgac	gggaagcttt	ttcatcagaa	300

<210> 177

<211> 300

<212> DNA

<213> Homo sapiens

<400> 177

accctctctg	gccacatgga	ggcagtttcc	tcagttctgt	ggtcagatgc	tgaagaaatc	60
tgcagtgcac	cttgggacca	tacaattaga	gtgtgggatg	ttgagtctgg	cagtcttaag	120
tcaactttga	caggaaataa	agtgtttaat	tgtatttcct	attctccact	ttgtaaacgt	180
ttagcatctg	gaagcacaga	taggcataac	agactgtggg	atccccgaac	taaagatggt	240
tctttgggtg	cgctgtccct	aacgtcacat	actggttggg	tgacatcagt	aaaatgggtc	300

<210> 178

<211> 298

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (298)

<223> n = A,T,C or G

<400> 178

actgctcctt	cattcccaag	aagaaaagac	aagtactgct	acttccaaaa	ctcagacacg	60
acttgaaggt	gaagtgactc	ctaattcctt	gtcaaccagc	tacaagacag	tgctattgcc	120
attaagctct	ccaaacataa	agctgaatct	cactagccct	aaaaggggtc	agaaaagaga	180
agaaggggtg	aaggaagttg	tacgaaggtc	aaagaaattg	tctgttccag	cctcagtggg	240
gtcggaggat	aatgggaaga	ggaggatgcn	ncatcnctgc	nntacaggat	gttactgg	298

<210> 179

<211> 300

<212> DNA

<213> Homo sapiens

<400> 179

gcaaggttgt	gacattgtca	cttttttgtt	ctagactctt	ttaaattttc	tgctattgcc	60
tgaaaagcac	ccctgtaaga	atagatttct	catggctcta	aaaattattc	ccaagaatac	120
cttacttggt	tcaaaagcag	actgtttctc	ttcatttcat	ctcaaatacag	acttctgggc	180
aagatgttct	ttagagtaag	caaacctaca	acctaataat	ctcttcaaga	ggcatctctg	240
gtcttgtgac	aagacctctt	caaaaaccca	cagtaaaact	ccccccctc	cagttggcca	300

<210> 180

<211> 300

<212> DNA

<213> Homo sapiens

<400> 180

attacttaga	agcttataac	gaaagctaaa	aagcaatttt	aatagggttca	gtaaagccaa	60
ctaccacata	gattttactt	aatatgtata	agaatacaag	ataaaagatc	tttagacact	120
ttacaaaact	gccaaacttg	ctaaagaaga	tgaacctgat	aaacagccac	aggtacacag	180
cctgtacact	gaaatgtacg	tgggaaagca	cagtgcaaga	atttcttgag	ctgtcctgag	240
ggttatgtta	accagagctt	ctcaacctca	ctacatatte	aaatggcccc	ggagcttttc	300

<210> 181

<211> 300

<212> DNA

<213> Homo sapiens

<400> 181

cttctaaatg	tctctctccc	cacttgtttt	attattactg	tttttttctc	tctttaatgt	60
ttttttttat	agagacatgg	tctcactatg	ttgcctgggc	tgatctcaga	ctcctgggct	120
caagtgatcc	tctgctctca	gcctcccaaa	gtgctgggat	tataggcgtg	agccattgcg	180

```
cctggctctg ttactggttt tctaacctga gttacttagg atcatatattt cattcttttt 240
taaaaagatg ggagttttct gaacttttcc ttaactaaaa agttggaatg catcttaata 300
```

```
<210> 182
<211> 300
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G
```

```
<400> 182
gtacggtttt gttgaaccat atcctgacaa cacagatgac acagctgaca ttcagatggg 60
gacagtctgt gaggcagcat tacagggaac aaaaactgaa gctgaaaggc acctagtgtg 120
cgagcgctgg gatttcctat gcaaactgga gatggtaggg gaagagggag cctttgtgat 180
agggannnnn nnnngctgac tgaagaggag ctgaccacca cactaaaggc actgtgcatg 240
cctgctgagg agttcagaga gcttaaagac caggatggag ggggagatga taaaagggaa 300
```

```
<210> 183
<211> 298
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(298)
<223> n = A,T,C or G
```

```
<400> 183
gtctaatttt ttccattttt ctctcctctt tctcaagtct tctttttgat tttacttttg 60
cttttcctgc agttccttct ttatcatgta tgtgcttttt ggaactcttt ctgtcagtgg 120
taaagtctgt agagtttcca gactgaagac tcagctctaa gcaaggtttc acttgcgctt 180
caagattttc ctgatacaaa gacttttcca tgtaactttc atcactnnnn nnnnnngntn 240
tgtaaatcct tttgattntt gattnttccc ancatataaa nnntctntan nncctcct 298
```

```
<210> 184
<211> 300
<212> DNA
<213> Homo sapiens
```

```
<400> 184
gaacagacaa gttctgtccc agcctctgct acctctaacc ccatggcatt ctatcctttt 60
ctacactggg cttccatttc ttaccccaac aatgatctgt tcttcagggt gctgtcattt 120
aatttcccag acacttgacc tccttctgat ttgtgtactc cctccaaggc tgagttgcag 180
tgagtgacaa taatctgtgc taattactta tcttgccaga agactcaaag ggtttatggc 240
ttttactaac tgaactctat gctagatggt agggataaat ggttaacagg acacagtctc 300
```

```
<210> 185
<211> 300
<212> DNA
<213> Homo sapiens
```

```
<400> 185
aaggccttag gctttttttt tgtaggggtga gagtggggga gagatctctt gctctgttgc 60
```

```

ccaggctggt ctccagctcc tggcctccgg cagtcctccc acctcagcct cccagagtac      120
taggattatg ggcattgagcc accacacctt gccaggcttt ttatatgtgag ttgggtatat      180
atgcttcata gccacacttt ataattattgg agtatagtat taaattacag cttgttgtca      240
agtcagtgtt tctgtaagac agtatatcca atattgggta gagtaacacc tatttggtga      300

```

```

<210> 186
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 186
aaaactttta gaaaaccaat gtttggggcc aagcaatggg gagcttggcc gacctcattt      60
ttttagtgat tttgaactca atcttttaaaa tcttggaaga gaaggaaaaa aagggtgtat      120
attcgtgtaa tgacatccag atctcactgt tctcttggct cctagtgtat ggggaaaaaa      180
gggtgcgcca ggggttgacc ttcagtaaca cctgcagcca tgcattcatga cctccagggtg      240
ttcagaggcc ctgcccattg gacacgtgcc tggctacttcc catacatgtg cctctttaat      300

```

```

<210> 187
<211> 275
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(275)
<223> n = A,T,C or G

```

```

<400> 187
aannatnnna tatnttannn aacnnnaacn naccnannnn nnntanngaa nntaanaatn      60
aangnacnnt aangannnnn nntgaanaac tncannnaan tcnctaaaaa ngnggtanat      120
gacttcccct gctccgcatt ttgtaaaatg gcccttgggg gagtggtttt gctggatctg      180
ctccctctcg ctctctcact ccactacttt ttggaacaaa gtgatggcag aatgcgggtg      240
tggtgggggt cttttgtact gttggattaa taaaaa                                275

```

```

<210> 188
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 188
cctcctgtcg gggaggcaag gtgggttttg accagacagg cgtgtctaag gggttatggt      60
ttgtgaaatt cacagatgaa ctggaacaga agcgagccct gacggagtgc caggagagcag      120
tgggactggg gtctaagcct gtgcggctga gcgtggcaat ccctaaagcg agccgtgtaa      180
agccagtgga atatagtcag atgtacagtt atagctacaa ccagtattat cagcagtacc      240
agaactacta tgctcagtgg ggctatgacc agaacacagg cagctacagc tacagttacc      300

```

```

<210> 189
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 189
gaacaagcac agcccaagcc agatgtacag cacacacagc atcccatggt ggccaaagac      60
aggcagcttc ctaccttaat ggcacagccc ccgcaactg tagtacaggt gcttgcagtg      120
aaaaccacgc agcagctccc taaactgcag caggctccga accaaccaaa aatctacgtg      180
caaccccaaa cccccagag ccaaatgtcg ctcccagctt cttcagagaa acagacggca      240

```

agccagggtgg agcagccaat tataacccaa ggatcctctg ttacaaagat aacttttgag 300

<210> 190

<211> 300

<212> DNA

<213> Homo sapiens

<400> 190

cgaaagccca	tttcaagctt	tgtgctgcct	cttgatctac	ctctttgtcc	aggtgggatac	60
gctttgcctg	gaggatttgc	atgcgtttat	tgcgcaggcc	ttgtgcctcc	aaggaaaatc	120
cacctgcag	cttgtaaata	tacagcctga	ttacatcaac	cccagagccg	tgcagctggg	180
ctcccttctc	gtccgcggcc	tcaccactct	ggtttttagtc	aacagcgcac	gtgggttccc	240
ctggaagacg	agtgatttca	tgccctggaa	tgtatttgac	gggaagcttt	ttcatcagaa	300

<210> 191

<211> 300

<212> DNA

<213> Homo sapiens

<400> 191

gaggatctgc	cttctgagga	agtggatcaa	gagctgattg	aagacagtca	gtgggaagaa	60
atactgaagc	aaccatgccc	atcgcagtac	agtgcattta	aagaagaaga	tctcgtgggc	120
tgggttgatc	ctctggatgg	aaccaaggaa	tataccgaag	gtcttcttga	caatgtaaca	180
gttcttattg	gaattgctta	tgaagaaaaa	gccatagcag	gagttattaa	ccagccatat	240
tacaactatg	aggcaggacc	agatgctgtg	ttggggagga	caatctgggg	agttttaggt	300

<210> 192

<211> 300

<212> DNA

<213> Homo sapiens

<400> 192

gatctgcctt	ctgaggaagt	ggatcaagag	ctgattgaag	acagtcagtg	ggaagaaata	60
ctgaagcaac	catgcccac	gcagtacagt	gctattaaag	aagaagatct	cgtggctctgg	120
gttgatcctc	tggatggaac	caaggaatat	accgaaggct	ttcttgacaa	tgtaacagtt	180
cttattggaa	ttgcttatga	aggaaaagcc	atagcaggag	ttattaacca	gccatattac	240
aactatgagg	caggaccaga	tgctgtgttg	gggaggacaa	tctggggagt	tttaggttta	300

<210> 193

<211> 300

<212> DNA

<213> Homo sapiens

<400> 193

ggctctgacc	ctgcaggact	gggcagccca	gcggtgcacc	atctcctacc	gagccccaga	60
gctcttctct	gtgcagagtc	actgtgtcat	cgatgagcgg	actgatgtct	ggcccttagg	120
ctgcgtgcta	tatgccatga	tgtttgggga	aggcccttat	gacatggtgt	tccaaaaggg	180
tgacagtgtg	gcccttgctg	tcgagaacca	actcagcatc	ccacaaagcc	ccaggcattc	240
ttcagcattg	cggcagctcc	tgaactcgat	gatgaccgtg	gacccgcac	agcgtcctca	300

<210> 194

<211> 300

<212> DNA

<213> Homo sapiens

<400> 194

gaagaataact	gtgaattcta	tgactttatc	aaaatccagc	cacatccagg	agcttgca	60
tggtgaccaa	atgaatgatg	acatagagta	gttcagatct	atcatgtgct	cttctatcta	120
atcagtcagt	atttccttgg	ccctcaagcc	aacattcatt	ttttatgtat	aaccttcttc	180
atgattttga	aattttgata	gggtaactgc	taatgagttc	acaaatgtag	cactttaaaa	240
ggaaaaataaa	tggagagtga	aaacaacttg	gctacgtata	attgtggggt	ttaatttttc	300

<210> 195

<211> 300

<212> DNA

<213> Homo sapiens

<400> 195

gttgagcaat	atgaatataa	tgccaagtac	tgataaaaata	cgggaattcat	ttagaatcaa	60
cataggtaga	cagactgttt	ttagtaaggt	tttgtttttt	ggtgaatacc	atgtttgggc	120
tgtcagactt	acttttcccc	tgagatccat	attttgtaca	tgacatacca	gatatatgca	180
atatgaaacg	gaaacagttt	ttcaatctaa	tatccaggag	tttgtgttaa	tatcttgtga	240
acttgtggct	cttgggtatct	ggcattgata	aggctgtcta	ctaatacctag	agaaagggaa	300

<210> 196

<211> 300

<212> DNA

<213> Homo sapiens

<400> 196

ttgagaacct	gcctctatcc	cagaatgtgc	tggagatttg	acactcaa	cagtgttttag	60
tcttctgctt	ggcaccatag	cttaacctgc	agtttcttca	aaatgcccaa	tgcttgtttt	120
cctattacct	tagattgcaa	accagtctag	ggaagtctat	gagaaagtag	catttaatta	180
aagtttaaaa	aaaaaaaggt	tgggcgttgt	ggctcatgcc	tgtaatccca	gcactttggg	240
aggctgaggc	gggtggatca	ctaggtcagg	agttcaagac	cagcctggcc	aacatgggtga	300

<210> 197

<211> 264

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(264)

<223> n = A,T,C or G

<400> 197

ctaaaggcag	cccccaagtc	ccagaaagct	gactccccta	gcacgcacta	cgcagagctg	60
ctgcagcact	ttgagaaggt	ccagaacaag	cacctggaag	tgccggcacca	gcggagcggg	120
cgtggggacc	acctggaccg	gagggttgtc	ctctgacagg	cctggcacgg	aggagggccn	180
anncgannng	ntncatgant	nnttnntgnt	gnnngcnntn	cngatgannn	nntngganna	240
ngnngntnnn	actngntggn	nctg				264

<210> 198

<211> 300

<212> DNA

<213> Homo sapiens

<400> 198

cactcatttg	gaagagtga	ttttgtgagc	acaaagtatt	aagggccaag	actggggctg	60
cacatgagca	attatggggg	ggagttgaga	aaaaaaagtg	tagcctgatg	gaggtctctg	120
gaatagaaca	agccttgccc	atgcaggctt	ccgagcagcc	ctgggtgggg	ttgtggggag	180

gccccagcg gcttgtggca gccttcagct ctgcaggagc ccgtggggtc tagagtcacc 240
gccctctgtg aactggaagc tgctctaatt ctgtgcacgt tttgatgtca caactatatt 300

<210> 199
<211> 300
<212> DNA
<213> Homo sapiens

<400> 199
cctagaattt gtggagctgg gttgtatcat aggaaatgca agctgtgctg gtgttcacag 60
ctagagagga gaatggttgg atgtgcacct ggctctgcag gaagcccatc tcagggttatt 120
gctgaggata agaagctggc actggaatgg ttggaaaggc tgtaagagct ccacatgccca 180
cctggccctt tttgggtatg tggtgcccag acctgagctg ctatttagtc tgacaaagat 240
agagggattt tttttcttcc ccctttgggc aacctgccc aagaggaaggc 300

<210> 200
<211> 300
<212> DNA
<213> Homo sapiens

<400> 200
gagaggttca cagccaccaa gaagaagttt gcgtgaagtt ctccaggact atggaaacct 60
tacaggatac tgacttagaa cctctgttgg aatgtggctg agtcaaagcc tcctgttgtt 120
gttaggggta tctacagtaa ggagatgata cttcaggaga ttatatttca ctcaatgatc 180
ttttctcatt tcagggtctt tctcaaataa gctaaaagaa aaaggatcag gagacaggaa 240
aagtcttccg ttttgagtca tgagttaggc aatagacaag gttctcttca aaaccatcat 300

<210> 201
<211> 300
<212> DNA
<213> Homo sapiens

<400> 201
gcctggaccg ctcattegga ctctcgggc agagcttttg tgctgccttg caccaggaac 60
tcagagaata ctatcgattg ctctctgttt tacattctca gctacaacta gaggatgacc 120
agggtgtgaa tttgggactt gagagtagtt taacacttcg gcgcctcttg gtttggacct 180
atgatcccaa aatacgactg aagacccttg cgccctagt ggaccactgc caaggaagga 240
aaggaggtga gctggcctca gctgtccacg cctacacaaa aacaggagac ccgtacatgc 300

<210> 202
<211> 300
<212> DNA
<213> Homo sapiens

<400> 202
aaatatgcta cttagaaatt aaggcctctg ggttcaattt ttggccccag tgttgacctc 60
tgtgtaagcc tggcaggatg tctcatttct ggtcacctt ttccttgcca acatagttag 120
gtatgtagac caaatcattg ctaagagcct tctaacttta agactctagg tttagtcagc 180
caaaagcatg tgattttccc agatttccca aactccttgt acctaattga aagtacacaa 240
tgaacttgca agaatttaag catccttaga tgccagtctt cactttgggt attttcctgc 300

<210> 203
<211> 300
<212> DNA
<213> Homo sapiens

<400> 203

aattagtggga	gtgatctctg	aagacctagg	gctatgatct	ggagctgctg	tggtctgaaat	60
ttggggcctc	tgaagtggca	tgagattga	ggccagaga	gcctgagatc	ttgagggctg	120
acatttggag	agatggggtc	gagggttgtc	tttgggcctt	gactgctttg	ggcctttctc	180
actctcattc	ccgggatgct	ttgccagaat	ctctgctgga	ttggccgtaa	ccctgtcccc	240
gagcgggctc	acagggctctg	aaggccacgc	atgaggcaaa	ggtaaagttc	tgagccaccc	300

<210> 204

<211> 300

<212> DNA

<213> Homo sapiens

<400> 204

cccggataaa	atatcaatta	tgaagaggat	atctgaatat	gcagctgaca	ttttctatag	60
tagatatgga	ggaggtccaa	gactaactgt	gaaagccctg	tgtaaggaat	gtgtagtaga	120
acgttgtcgc	atattgcgtc	tgaagaacca	actaaatgaa	gattataaaa	ctgttaataa	180
tctgctgaaa	gcagcagtaa	agggcgatgg	attttgggtg	gggaagtcct	ccttgccggag	240
ttggcgccag	ctagctcttg	aacagctgga	tgagcaagat	ggtgatgcag	aacaaagcaa	300

<210> 205

<211> 300

<212> DNA

<213> Homo sapiens

<400> 205

cacaagcaac	tttgcttttag	aatctagaat	tcctttgcag	gcagagaagt	ctctacctcc	60
cagtgtttcc	tagctaagaa	cgtaaatgtg	aggagggaaa	tgtacttgca	gaggtttcat	120
aattatttac	ttataaaaat	agtcttcata	gccgggctcg	gtggctcacg	cctgtaatcc	180
cagcactttg	ggaggccgag	gtgggtggat	cacaaggcca	ggagttcgag	accatcctgg	240
ctaacacagt	gaaaccccg	ctctactaaa	aatacaaaaa	attagccggg	cgtggtggca	300

<210> 206

<211> 300

<212> DNA

<213> Homo sapiens

<400> 206

ggccaaagag	gtgctacatg	cattgaaaga	aaaggttact	tcactacctg	acaaccataa	60
aaatgccctt	gctgctaaca	tagatgaaat	tgtattttaca	tcaacaggag	acatctccat	120
ttactatgat	gagaaaggaa	ggaagtttgt	taacatcctg	atgtgctttt	ggatctaac	180
cagtgccaac	atccccagtg	aaactttaag	aggagccagt	gtattccagg	ttaggtggg	240
gaatcagaat	gtggaaacta	aacaacttct	tagtgcaagc	tatgagtttc	agagggagtt	300

<210> 207

<211> 300

<212> DNA

<213> Homo sapiens

<400> 207

gaaatcagta	gccccagaga	tacctggcaa	tagctttttg	agaatctgga	atacagttag	60
cactcaaaaca	tttgtagaat	gaagggcagt	agaattatca	tttctcctcc	tgtctaataa	120
ctgtgacaag	ggagtggccg	gtgacttttt	ttggtagagc	tttttcaaga	aaaagtttag	180
tcctacggac	agttcggtag	ttattctact	tcagacactg	ggcatgtttc	atgttcttca	240
aaaagcccag	ttatactttg	gtttttttgt	gtttgagacg	gagttttgct	cttattgcct	300

<210> 208

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 208
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 cctttctggtg ggctcaacga atgttctgtg atgttgagtt caccacccta taccctggga 120
 gagagatagt gtgtttccat ttcacaggtc agcagactcg agcacagaga ggtgaggtaa 180
 cacagcctgg caggagtgga gttgggattc aaggcctggg ctgaatgggtg gtgctctcac 240
 attgcagttg cactccaagg gacccttgca aggtgctaac agatgtgaat gccttttgga 300

<210> 209
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 209
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 tggcagtatc tcaccttcag cttatgtatt agagattttt aaagggatca agtcgagtga 120
 gctggaagaa tctctacttg tgcctgcttt ctcttatgtc ccagacattc ttaaactctt 180
 taacgaattc attcagctgg gctctgatgt tgaacttata tgccgggtgcc tcttcttctt 240
 ccttaggatt cactttggac agatcactag caatcaaagt cttgtgccag tgatagaaaa 300

<210> 210
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 210
 ttcattcttct gctccaaagg tggtagcaag aggagtaccc agttaggggt tggagccccc 60
 atataacatc ttcctgtcag aagactgatg gatctttttc attccaacca tctccctttc 120
 ccccgatgaa tgcaataaaa ctctgtgaca ccagcaacca ttgctcttta gaaatggggt 180
 ttctgatcat atggctgatg tgttatgggc agtatggatg tcttcatttg ttgcttctgt 240
 ttttcatctt ttttgtttta ttaataaaaa tttatgtatt tgctcctgtt actataataa 300

<210> 211
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 211
 gttacatcaa gagataaata gagtgaagca gaactagtgg tgcggaccag ctgccagca 60
 acagaagggt ttgtagtcgg cctggcagtg gacagggagg ttggctagaa ctattacctt 120
 aggtccgtga taatatccct gaatccaact tttcagaaag aaataggtaa catatttttc 180
 accaggaagc ttcacccaga cactgaacag aatgggtctca gtgcactaat ggaggctcag 240
 ttaaagggtt gtggtagcac aaggaagaga cattctgact tggaaatttg gagaaggctt 300

<210> 212
 <211> 262
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(262)
 <223> n = A,T,C or G

<400> 212

gtccaatagc	tgtgaagctg	gcagcccttc	caagcctggg	cagatcctaa	aaagacagca	60
ggcagagggc	gcagggctta	tggcctggcc	ggagttagga	ggtgaagcag	agggcacagg	120
gcttatggcc	tggccggagg	tgggaggtga	agcagagggc	gcggggctta	tggcctgtct	180
ggaggtggga	ggtgaagcnn	nnnnnnngag	gangttncnt	ntgnatnnnn	ntnntnanna	240
nanantnnnt	ntnnnannnc	tt				262

<210> 213

<211> 300

<212> DNA

<213> Homo sapiens

<400> 213

agcactggat	gaaaacaagg	atggcaaggt	caacatcgac	gacctcgtca	aggtgattga	60
gctggtggac	aaagaagatg	ttcacatctc	caccagccag	gtggctgaga	ttgtagcaac	120
actggaaaaa	gaggagaagg	tggaggagaa	ggagaaggcc	aaagagaagg	cagagaagga	180
ggtcgcagag	gtgaagagct	agaaccactg	gcctgggcac	ctgtcctcct	gctgtgccgt	240
caccctggca	agggccgtga	gggcgattgc	tttgtggtga	ttctcagtgg	ctcatctaat	300

<210> 214

<211> 300

<212> DNA

<213> Homo sapiens

<400> 214

cttttctgga	gggagacacc	catctcctgc	ccttggacat	caggactcca	ggttcttcgg	60
ccttttgact	caggcttgcc	acagaggcct	cccagggctc	tcggccagtc	agcctcagaa	120
tgagagttag	accactggct	tccttggttc	aaccaccttc	ttacctggac	tgagcctcac	180
ttacagcttc	tctaggtctc	cagcttgacg	acagcctatg	ggaggacttc	tcagcctcca	240
taagtgtgtg	ggccagttcg	cctaataaat	ccctctctct	ggccggggcg	ggtagctctc	300

<210> 215

<211> 300

<212> DNA

<213> Homo sapiens

<400> 215

cctgacggag	gctttgctgg	ctgtggtgat	ggggattgag	ttgggggcaa	gggtccctgc	60
ctagactgtt	gacgtccctt	gggaagggga	cccaaggatg	aattggctgt	gaaggatcct	120
ccctgagact	ggcaaggag	gaggctgagc	agaaggagtc	atcatggagg	agcggtgaga	180
tcatggaacc	ggactccaag	atgacgatct	aaagaccggg	gagccagaag	ccaaggccag	240
gttctgggtg	tagggcccag	agaagcagaa	cagcccagag	ccccaggtgc	ctggcctggc	300

<210> 216

<211> 272

<212> DNA

<213> Homo sapiens

<400> 216

cttagccaga	tcgggactta	cagaagtcta	ccaatggtat	ctggaccttc	gtcgatttgg	60
atctgtgcca	catggaggtt	ttgggatggg	atgtgaacgc	tacctgcagt	gcattctggg	120
tgttgacaat	atcaaagatg	ttatcccttt	cccaaggttt	cctcattcat	gccttttata	180
gctggaagat	tggttaagga	aaagcaccct	ccatggcaga	gacactgcac	atgattgtgc	240
atacagcaga	atgcatgttt	ggatttttaga	aa			272

<210> 217

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 217
 gaacttttga agagaaaaat tcgagctaga gggattctta aagccttaag ttacttgaaa 60
 tctatgtatt tgcaaccctt tgtctctgga atcatattac actaaactgg aatctcaggc 120
 tgaatgagaa taaccaagtg gagtaaaaag aagaaaaccg tttcttgatc accacttaat 180
 taacgatgct ctttctccaa aggatcagca cgttcttcct ctgagaactt gaaaatacaa 240
 atggaccca tgttttttta agcattacct tttcttagaa gactgccatc atcttttata 300

<210> 218
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 218
 cccaggcgta aatagagctc cctactccag accacctgcc acccacctcc caagttgaga 60
 acacaagctc cagctgggct ggagagtcag gcttggtgca gggtgacttt ggccaagttt 120
 tgtcagatcc ataaagcaaa ctggaatttg agctttcact taccctagta tacgtttctta 180
 aaaaaaaaaa aagtctatgg ggtataatcg agatggatac ctgggtcttt aaattacgta 240
 gggaattttg tatgttttaa taattgtact gggttccata aagcttatct taaaaacttt 300

<210> 219
 <211> 297
 <212> DNA
 <213> Homo sapiens

<400> 219
 ggagatccag atattcttag acctgctgtt tgaacctgtg aggcatttca agaattggaga 60
 gtgccattct gcagtcattc aagcagtaga agacttggat ttgtctaaag ttcttccctt 120
 aggtcgtcag caggttatct taaacagcct tgagatagta ttgaaaaaca ttagtcatct 180
 gatcagcgca tacctgccga agattttgca gatactgctc tgtatgacag caaccgtatc 240
 acacatcctt gaccaacgag aaaagatacg gctgagattt attaatccat tgaaaaa 297

<210> 220
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 220
 gtggggtagg catgggggtg gacaggggtg acgggctcca cagagacagg atgggtggagg 60
 gagttgtgtg cagttgaact tgatcctgta gttgggtttt acctgggtgtg gtccctccat 120
 gctgtggaag tgaaatgtga gggaacaggc ctgggggagc tgagggagac aggacaagcc 180
 tttcatctaa aaggtggcac agagcttaag gccagggagg aaggtatgaa gaaaagggtga 240
 ttgagaacta attaccaagg gaaactggca agacaactgg atgcgtgtaa tccgaatggg 300

<210> 221
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 221
 taaagctgct gtgatggcca ccttctctt tccaggacgg gagtttataa ttacacatca 60
 agagatgata aaaggaataa agaaatgtac ttccggaggg tattatagat atgatgatat 120
 gttagtggta ccattattg agaatacacc tgaggagaaa gacctcaaag atagaatggc 180

tcattgcaatg	aattgaataacc	cagactcctg	tgcagtactg	gtcagacgtc	atggagtata	240
tgtgtggggg	gaaacatggg	agaaggccaa	aacctatgtg	gagtgttatg	actatattatt	300

<210> 222
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 222						
gagaggagca	ggtgcagtga	ttcataccca	ctctaaagct	gctgtgatgg	ccacccttct	60
ctttccagga	cgggagttta	aaattacaca	tcaagagatg	ataaaaaggaa	taaagaaatg	120
tacttccgga	gggtattata	gatatgatga	tatgttagtg	gtacccatta	ttgagaatac	180
acctgaggag	aaagacctca	aagatagaat	ggctcatgca	atgaatgaat	accagactc	240
ctgtgcagta	ctggtcagac	gtcatggagt	atatgtgtgg	ggggaaacat	gggagaaggc	300

<210> 223
 <211> 271
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (271)
 <223> n = A,T,C or G

<400> 223						
attggggact	gacatcttaa	gctctcacct	ggctgcagta	ggaaaggcca	aactgacgac	60
aaaaaaaaaa	ttctttataa	agatgatatg	gtaacatgta	tctttgccct	gggtctgggt	120
gggtccagtc	agtctcagat	ttacaagcat	ttatgagcct	aggtaaaagc	tgctaataat	180
cttttaaaag	cnnnnnnnnn	nacttgccctg	atagaaaact	ccttccgggg	ggngggattt	240
tataatanta	cgtgngnnct	naacanagtn	a			271

<210> 224
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 224						
aagtctgttg	ccattccatc	tctgtgttaa	cacttcatat	ttttatgaaa	ttcagataat	60
ttgtgagagg	ctggcatgga	tctaaggatt	tattattttt	attctagtcc	atcagttcag	120
tcgcagtttt	tatactagga	ctttaggatg	tacataaatg	tgtgactgtt	tgtcttgatt	180
aaaagtgcac	tttgccctgg	gcatgggtgg	tcatgcctat	aatcccagca	ctttggggagg	240
ccaaggcggg	tggctcactt	gaggctagga	gttcaagact	agcgtggcca	acatgaggaa	300

<210> 225
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 225						
gctcagcagg	cagacgaatg	aggaataaaag	gtcagagaag	gtcagagctg	agtgacgttt	60
ggaatccacc	ccgtttattg	tagaactggg	ggttcagagg	gcagggtgct	cagagttgag	120
gccacacagt	gaggtctggt	gggtgaaagg	accaggaac	gaggcgttca	ggaaagcagg	180
ttgtcagagc	tatgtggagt	ctgtgggtgg	caggggcagc	cgctccagcc	tttgaagact	240
ttgaaagcca	gagattcctg	gcgcaggctt	ggacttcctg	ggagctcctc	caagtaccca	300

<210> 226
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 226
 gtgggtttcct gcacatcttt ggagtagtta tgactttctca gtttttcccc ccttaaactg 60
 cattgcctat tcttttttcc tgacatgcta tcaggatatca gtgtgttgaa tacatactgc 120
 ttgtgtatca gacttacgtt actgtcatca ccattaaaag aattgcagct ttgtgccccca 180
 tgaccttcag ctcagttgtt gactgtcatt catgaatgcc taaagcatac tgacaccagg 240
 tataagtact tgaagatcaa gaactagtca ataaaacatg agcaacataa tggtaactat 300

<210> 227
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 227
 acagggtcaa aattttcatt ctgcataagg taggtttagt ctttttcaaa acattctagt 60
 aggcaagtct gtagctgaat cttggaagaa aggcaaccat agtaatatatt ttgagttcct 120
 actgtttatt ttttcaataa aaactcaggt tctcaggtta gcagatcatg gtcttaggaa 180
 ggtagctgta gaacccaaaat ataaattcct aagcttctac caattggggtc ttactgaaat 240
 ggcaattgag agagaagtaa atctcttggt ttccaccata gttactttat gtttctcttc 300

<210> 228
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 228
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 ccaggctgcc attattattc agaagcattg taaagccttt aaaataagga agcattatct 120
 ccacattaga gcaacagtag tttctattca aagaagatac agaaaactaa ctgcagtgcg 180
 taccacaagca gttatttgta tacagtctta ttacagaggc tttaaagtac gaaaggatat 240
 tcaaaatatg caccgggctg ccacactaat tcagtcattc tatcgaatgc acagggccaa 300

<210> 229
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 229
 ggtgccatgg agttcaccat ctgcaagtca gatatcgta caagagatga gttcctcaga 60
 aggcagaaga cggagaccat catctactcc cgagagaaga accccaacgc gttcgaatgc 120
 atcgccccctg ccaacattga agctgtggcc gccaaagaaca agcactgcct gctggaggct 180
 gggatcggtc gcacaagaga cttgatcaag tccaacatct accccatcgt gctcttcac 240
 cgggtgtgtg agaagaacat caagaggttc agaaagctgc tgccccggcc tgagacggag 300

<210> 230
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 230

aatccccacaa	agcctagcac	caaacttctt	tttttcttcc	tttaattaga	tcataaataa	60
atgatcctgg	ggaaaaagca	tctgtcaa	aggaaacatc	acaaaactga	gcactcttct	120
gtgcactagc	catagctggt	gacaaacaga	tggttgctca	gggacaaggt	gccttccaat	180
ggaaatgcga	agtagttgct	atagcaagaa	ttgggaactg	ggatataagt	cataatatta	240
attatgctgt	tatgtaaatg	attggtttgt	aacattcctt	aagtgaaatt	tgtgtagaac	300

<210> 231

<211> 300

<212> DNA

<213> Homo sapiens

<400> 231

cacaaggaga	agaaagttaa	ttaacattga	aagatgagaa	gacatcttgg	aagaacttga	60
attgggcctt	ggaagaagaa	cagccattca	aatagataga	attgtggtag	caaaggcata	120
gaggtaggaa	agtatagatc	tccaggga	gtagtcattg	ggttggggca	ctgttggaat	180
ttaaggttgg	aaggatatat	tggagcccct	tgaatacgtt	aacaaggcac	accttgggca	240
gtggagagtt	atcagagtgt	ttgaaaagga	gggttattga	gtaaataaat	agactggtac	300

<210> 232

<211> 300

<212> DNA

<213> Homo sapiens

<400> 232

gttaaactgt	cagtattgga	tcttagaagt	aatgattat	taggactgta	atagtaatta	60
ttaggactgt	aaaagtaaag	gattattatc	tgcatatgat	atcattatat	ctaattgatat	120
agagactgca	gacataacta	cagggctctt	tttcttaaat	cagaaaatcc	agattcaata	180
gaaatagggt	aaagtgatag	gaggacaaat	agccttccat	ccagtgggta	tcaactgacg	240
actacaagtc	ggcctcactt	gctttaatta	ttctattcta	tcctttgatg	ctgcttgaag	300

<210> 233

<211> 273

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (273)

<223> n = A,T,C or G

<400> 233

ggcagctaga	gtcaggaaaa	tgaccctcat	atgcttttaa	tctttgtttc	agttgtctgt	60
caggggttgaa	ttaagaagct	actggtttat	tccaattgt	tgatgccttt	aggatgtgtg	120
gaatcttttt	ttttgcctag	gaggggccag	ttgaaaatct	gtgactcaag	aggcagtga	180
cagaatactg	ttttctgggg	aaaaattggt	tggtacttgg	atgttaattn	nnnnncagta	240
acagganaag	gntgtgtctn	ngctattntg	nng			273

<210> 234

<211> 300

<212> DNA

<213> Homo sapiens

<400> 234

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ccacctctca gacgtgagta aggaattgcc ctccctgtct cagtgggaca aggcttgaag      60
ctaattggag gaggtggaga gaaatttaga gggggtcctg gttagggtag ccataaaaat      120
agagatgctt gggatgttct gagcaaagga gccagaatgc agagaacagg accacagccc      180
tagtagctag ggggggagtt tgagatgcag cctgggggtg ccctgcctaa tttcagagac      240
ttaagggcca gtgtcagtga cagggtcagc aggggtgggt gagaatctgc ttaaggctag      300

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<210> 235

<211> 300

<212> DNA

<213> Homo sapiens

<400> 235

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ccttccacgg ttatttcaca gatatggaga gctggaagca gggagtgagt ctctgagtgt      60
tggaattgta agggatcaga agcagggatc agaagcagtg gtgaagtcca tccaccataa      120
aacacacagg tgactttgcc ttgaatctgc aggactgaag ccaactcttg ggcacagacc      180
cttagtccct tccttggcca ctctaagtca gatagtccag agccaggccc tttgggatgt      240
gacaccgaga taaatcagag aaaagctgtg aagcttgggg aacagaggga cttttggtga      300

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<210> 236

<211> 300

<212> DNA

<213> Homo sapiens

<400> 236

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cagtgagatt cctcttcttg tattaccttt gcttcattgc tgaatcttct ccaatatcat      60
cttctaaaaa gagcctttta aaatcacctt ttctattatg ccctactcat ttccagtcct      120
tgaattgccc attccccact tcatagcact tattgctatc tgaaattaca ctaaagtca      180
ccttcatgat ggtaggcaat ttattgcctt tgtcactggt atgtctagag aacaagcagc      240
tggtcatag taggcactca acaaatattt gttcaatgaa gaatttataa atgaatgctt      300

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<210> 237

<211> 274

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(274)

<223> n = A,T,C or G

<400> 237

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ctgggctgca tctggccctg gctggaggcc ttgctttgag gggctgagac cctcttcccc      60
caggccctcc ccagccgacg acagccaccg gagaggagat cggaacacga ttgnnnnnnn      120
tgcaggggcg tgggcggaac naatccncaa ggactctgan atnnnccctt gnnantnncn      180
angngannna nnananannn ntatacatan anccnnanac ccnaannaca nacannngnc      240
anancnannn nancannnnn aannagnnna nnna                                274

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<210> 238

<211> 300

<212> DNA

<213> Homo sapiens

<400> 238

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tgtcaccttc tcccacagcc atttccaccc atcgttgtct agaattctctt tcattagcac      60
attccaaccc ctctgccact tggtttagaa atgagctccc tggctcagtg ggcctttcag      120
aatctggaac cagacggagg tggagttaag aagataggac agaacaggca ggcccagggt      180

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ctatggttcc actggggaga gaccatttaa ttctccagat gctttactcc ctgattgtct 240
tttagccatt attcttttcg ttttaagaga catggtctca ctctgtcacc caggctggaa 300

<210> 239

<211> 300

<212> DNA

<213> Homo sapiens

<400> 239

caggattggt cattttgtct tttgtttgtt ttggggaaca ggggtcaaat tttcattctg 60
cataaggtag gtttagtctt tttcaaaaca ttctagtagg caagtctgta gctgaatctt 120
ggaagaaagg caaccatagt aatatttttg agttcctact gtttattttt tcaataaaaa 180
ctcaggttct caggtttagc gatcatggtc ttaggaagggt agctgtagaa ccaaaatata 240
aattcctaag cttctaccaa ttgggtctta ctgaaatggc aattgagaga gaagtaaatac 300

<210> 240

<211> 300

<212> DNA

<213> Homo sapiens

<400> 240

gcactgcgtc aagccactcc tggagaagaa tgatgtggag aaagtgggtg tgggtgatttt 60
ggataaagag caccgcccag tggagaaatt cgtcttttag atcaccacgc ctccactgct 120
gtccatcagc tcagactcgc tgttgtctca tgtggagcag ctgctccggg ccttcacact 180
gaagatcagc gtgtgcgatg ccgtcctgga ccacaacccc ccaggctgta ccttcacagt 240
cctggtgcac acgagagaag ccgcccactc caacatggag aagatccagg tcatcaagga 300

<210> 241

<211> 300

<212> DNA

<213> Homo sapiens

<400> 241

gggatgaata ttttaaggta agcaaagtag ctgtggctac ttggggccaa aagcttccca 60
gatgctcctg ctctaagcac atgatgtttt ttggggaaag tggtagcagg tagaggggtg 120
cagaaagtgt gagaagcact tgttgtaggt gaccacagaca tgcctcttga attgaattcg 180
gtgatctgct tcttcagctg ctttcttgtc cctgcccagc aggatgccag gaaacacata 240
gccctgtaga aaatcactgg agaagaggat gattggagtt cttcatttct taaaaaacag 300

<210> 242

<211> 300

<212> DNA

<213> Homo sapiens

<400> 242

aaatgaagtc cttgagccag aaaaggatac cagccccact gttaagtgat gattgtgtgc 60
taaagcagcc taagagttct atcctaacac aagagcctag aaagtaactt cttaggcagt 120
gtccaaagaa tgccagtagt ccttggggac ttttcagagg tgcttggtt gaatcaattt 180
ctagatccca aagcagagtc ttcatgcaca ttttgcggt gtagtgtaga gcaaatggct 240
cttgggctagg tttagaatgc tgcttttacc attctctgta cctgaccacag tttgagtctc 300

<210> 243

<211> 300

<212> DNA

<213> Homo sapiens

<400> 243

agaacgttct	caggttgacc	agctgctgaa	tattttcttta	agggaggaag	aacttagtaa	60
gtcattgcag	tgcatggata	acaatcttct	gcaagcccg	gcagcccttc	agacagctta	120
tgtggaagtt	cagaggctac	ttatgctcaa	gcagcagata	actatggaga	tgagtgcact	180
gaggacccat	agaatacaga	ttctacaggg	attacaagaa	acatatgaac	cttctgagca	240
cccaggtttg	gcatagaaat	ggtacccect	gttcaaaatg	aacaagaagc	cttagatttg	300

<210> 244

<211> 300

<212> DNA

<213> Homo sapiens

<400> 244

ctccagtata	acctcatctg	tatccgcagc	aaccgtttac	caataaggtc	acattctgag	60
gtactagagg	ttgggacttc	aacatcggaa	tttgaaaggg	acagcattca	gcccattgact	120
ccagataaac	gtgaggatg	ctatatcatt	cctaatttac	agatgagtca	atacaaactt	180
gagtgaagct	gtcacaatt	ccatcaaagg	caggggttcag	acccaagttt	cagcatttag	240
ggcaggtgtc	ctctgcatgg	aagaaccata	ctcaatagcc	gtaaacgctg	acaaattccc	300

<210> 245

<211> 300

<212> DNA

<213> Homo sapiens

<400> 245

gctgtctggg	tcctacattc	actactttca	ctgcctaaga	atcctggacc	ttctcaaagg	60
cacagaggcc	tccacgaaga	atatttttgg	ccgatactct	tcacagcgga	tgaaggattg	120
gcaggagatt	atagctctgt	atgagaagga	caacacctac	ttagtggaa	tctctagcct	180
cctgggttcg	aatgtcaact	atgagatccc	ctcactgaag	aagcagattg	ccaagtgcc	240
gcagctgcag	caagaatata	gccgcaagga	ggaggagtgc	caggcagggg	ctgccgagat	300

<210> 246

<211> 300

<212> DNA

<213> Homo sapiens

<400> 246

tggtctgtca	ccactccatt	ggcctgcctg	cgcgccaatt	cccttcgggtg	ggccccgggt	60
ggctgcaggc	tgaggtctat	tccactgacc	accctctctg	gtgccgcccc	cagtgatcct	120
ggtgcacgcc	tcgttgccgc	tgcgcaacct	taagaacaag	attgagaaca	agatcgagag	180
cattggctct	aagcggacgc	caatgggcct	gctactagag	gcactgggac	aagagcagga	240
ggctggatcc	taggccccctg	ggatctgtac	ccaggacctg	gagaatacca	ccccaccccc	300

<210> 247

<211> 300

<212> DNA

<213> Homo sapiens

<400> 247

agaaaaacaa	cagagagaaa	aagaatacct	gagatatgta	gaagctttac	gagcccaa	60
ccaggagaaa	atgcagctgt	ataatattac	tttacctcca	ctatgctgtt	gtggctctga	120
tttttgggat	gtcatcctg	atacctgtgc	caacaactgt	attttctata	aaaaccacag	180
agcatatact	cgggcaactac	attcattcat	caattcctgt	gatgtccctg	ggggtaattc	240
aactcttcga	gtcgcaattc	ataattttgc	ttctgcacac	aggcggactt	tgaaaaatct	300

<210> 248

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 248
 ccaccttggc ctctcaaagt gctgggatta caagcgtgag cactgtgcc cggccagaag 60
 gagtggttttg agaattggcta agagaagata ggttgaatag ctatgcctac atgtcactaa 120
 ttaacatctc agagatctct gctacagggt gtcgtcctca ttttgtctaa tatttttcca 180
 atggcatgag tataggaaga taaacgggga atgttttgaa gtaataaaaa aattccatcc 240
 ataaagaaga acaacatgta ttaagctttg tgcaccaaac aacacaacag gaagacacat 300

<210> 249
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 249
 tgttactggt gcccatatag atgtggataa aaaaaaagat aagaatggcg agagaatgat 60
 cacaataagg ggtggcacag aatcagcaag atatgcagtt caactaatca atgcactcat 120
 tcaagatcct gctaaggaac tggaagactt gattcctaaa aatcatataa gaacacctgc 180
 cagcaccaaa tcaattcatg ctaacttctc atctggagta ggtaccacag cagcttccag 240
 taaaaatgca tttccttttg gtgtctccaac tcttgtaact tcacaggcaa caacgttattc 300

<210> 250
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 250
 ggggccgctg ctcaagttcc agatttgtgt ttcctgaggt tataggcggg tgtttgagga 60
 gtacatgcgg gttattagcc agcgggtaccc agacatccgc attgaaggag agaattacct 120
 ccctcaacca atatatagac acatagcatc tttcctgtca gtcttcaaac tagtattaat 180
 aggcttaata attgttggca aggatccttt tgcttttctt ggcatgcaag ctcttagcat 240
 ctggcagtggt ggccaagaaa ataaggttta tgcattgtat atgggttttct tcttgagcaa 300

<210> 251
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 251
 tgaagaggag atcgggtgacc tgggtctcctt atgtgcctga aagagtttga gtttctgtt 60
 aactccaaat caacagtatt ttcaacaaga aatgtgcaat tgaaatcaag tgctgtttta 120
 gtgcagctag gatttccaca ggaagacact tgcagtgaac agagttatgg agcagcaaaa 180
 acacagatct atttggaaaa agagaaaaca tatgcgttgt attttgcttc aattataaaa 240
 taccatcctc tcaaagggtg ttctaaatta caaaggactt tgatttctag gtatattctg 300

<210> 252
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 252
 gaacaaagaa ggaatgtctt cctcatgttt gggctctatag aagacgttaa agaaaacttc 60
 cagaaagtgg gtttgaggca tgagccacca cgcctggcca aaggatttaa tgaattaatg 120
 gatgtacagt gctggggctg ttattctagg gcctgcattg agactcacat tttgccatca 180

aaagcctttt aagaggtgga ggttgcggtg agctgacatg gtgccactgc actccggcct 240
gagtgcacaga gtgagactct gtctcacaaa aaaaataatg ccctttaaat aatgaataat 300

<210> 253
<211> 300
<212> DNA
<213> Homo sapiens

<400> 253
gaacaaagaa ggaatgtctt cctcatgttt gggctctatag aagacgttaa agaaaacttc 60
aagaaagtgg gtttgaggca tgagccacca cgctggcca aaggatttaa tgaattaatg 120
gatgtacagt gctggggtg ttattctagg gctgcattg agactcacat ttgccaatca 180
aaagcctttt aagaggtgga ggttgcggtg agctgacatg gtgccactgc actccggcct 240
gagtgcacaga gtgagactct gtctcacaaa aaaaataatg ccctttaaat aatgaataat 300

<210> 254
<211> 300
<212> DNA
<213> Homo sapiens

<400> 254
gttacccttc agataaagaa gggaagaagc ctaaaggaca gtcaaagaag cagcccagtg 60
gaaccacaaa aaggccaatt tcagatgatg actgtccaag tgccccaag gtgtacaaag 120
catcagattc agcagaagca attgaggctt ttcaactaac tctcaacag caacatctca 180
tcagagaaga ttgtcaaaac cagaagctgt gggatgaagt gctttcacat cttgtggaag 240
gaccaaattt tctgaaaaaa ttggaacaat cttttatgtg cgtttgctgt caggagctag 300

<210> 255
<211> 300
<212> DNA
<213> Homo sapiens

<400> 255
gggtctttgt cattttctcg ctctgtggca ctgttcagag gatatcacgg gccctttgat 60
ttgtatccag aattttaccg aattgctaca gacccaacca tccacactgt ccagaaggc 120
agacctgtga atgtctgagt gggaaaagag tggatcgat tcccagcag ctctcttctt 180
cctgacaatt ggcagcttca gttcattcca tcagagttca gaggtcagtt accaaaacct 240
tttgcagaag gacctctggc caccggatt gttcctactg acatgaatga ccagaatcta 300

<210> 256
<211> 300
<212> DNA
<213> Homo sapiens

<400> 256
gctttggaaa ttattagata taccctatc cttcctccc atttttttcc tgctagtgc 60
aaaggtagat gagtaggaag attaggactc ctgagttgcc catgatttca tctaattttt 120
ggattcagaa tgtattttat gaataatatg cagagatgca tattaggaat gtgaagccag 180
aatgggtcag ttgtagctgc tgcaaagttc tgtagctgat ggtcatttaa ttgcattggg 240
gttattttat ctttcatgat tgtggtgcac ctgatgctgg cggggatttg tgtgtttttg 300

<210> 257
<211> 300
<212> DNA
<213> Homo sapiens

<400> 257

gccagggtgta	ttaggatctt	ttagatgtag	tttaatgaag	agtttatggc	ttaaagtgag	60
acagtattac	ttcagagctc	agcttctctc	cttggaattt	ctctcagcaa	atgggagaag	120
taacgtctgc	ccttcggagt	tggtacaagg	agacaagata	aacacagggg	ccaagtgcct	180
ggtaaagtgt	aagtgcgtgt	attagagtca	gggtgtctag	tcacagggtc	tcaacagata	240
cagctttggc	agtaggaggt	gcagctgacc	tgagctgttt	ttaaattaaa	attaaagcca	300

<210> 258

<211> 300

<212> DNA

<213> Homo sapiens

<400> 258

atttgatgct	acaaagagct	ttgttgaatc	ttcagaaaaac	aaaatctgaa	gggcagagcg	60
aaggaatgct	ggcatttttg	aaacctttt	gaggcttatg	ttgtcatggt	cataattcag	120
ccgatagaga	aaaaaccgag	aaactgtaga	ataggctatc	caacttccac	atggggagat	180
acagctacag	ataatgttct	caggaccctt	tgtcttttag	tgtagtaaat	gatctgcatt	240
tttagagagt	ggaagagtat	ccccattctt	gcctgttgca	actgtggatc	ccagtcgcca	300

<210> 259

<211> 291

<212> DNA

<213> Homo sapiens

<400> 259

ctacacagtt	cccattcatt	accttaacat	tgtactgaga	gagacccagg	tctgacctgt	60
atagcagttt	gagtcgaggg	gctgtcaaag	gggttgccaa	agtcactctaa	aggacttggc	120
aacagaagta	gcattatgac	ttggatccac	ttctttatag	accaatattg	gcagccatga	180
aggctggctt	gtcctgggtg	cggaattcag	tttttagtgg	tgaatgcaca	gacagcagga	240
agagagaata	ggggacaatg	aacaacagag	agagaagaaa	tgtagtgtgt	a	291

<210> 260

<211> 300

<212> DNA

<213> Homo sapiens

<400> 260

tgtacttatt	cttgattgcc	acgtctcatt	tggattcccc	agactctgat	tagaggcact	60
gccaccagga	gagattttat	ctaaccaata	gtacttccag	gaagatcctc	acccttgtac	120
tttcaagaag	cacttgtaat	taatgttcag	cttcttgaac	actgagtggg	acttgaaaat	180
ctctgtgggt	tatagcctta	caaaagctac	tctggagggt	gaggcaggag	aatcgcttga	240
acctgggagg	cagagggtgc	agtgagccga	gatcacgccc	ttgcactcca	gcctggggcg	300

<210> 261

<211> 300

<212> DNA

<213> Homo sapiens

<400> 261

ccggacgcag	gccctcgggc	aggagcatct	ggcagagtgg	ggggcggtgg	aggcaccctc	60
ctttgcaggg	cgaggtgggg	cctctgcagc	catcctggac	aggccggggg	ggcggcagct	120
ttgcccacgt	ggaagcgggg	tgggtctcac	ttgcgtgggt	gcccctggcc	ccatcttgcc	180
tgctgcggcc	tggggagcag	gcgctgggtg	gtggttctgc	ctgcttgctg	ctcggtcccc	240
gggcatgcgt	gggcagcggg	gggcatgcgt	gggcagcagg	ggggcggtgg	cagcgggggg	300

<210> 262

<211> 300
<212> DNA
<213> Homo sapiens

<400> 262
gcacccctctg atggcactgt aaagatcttg aatatgaaga ccacagaatg ttcaaataacc 60
tttaaataccc tgggcagcac cgcaggggaca gatattaccg tcaacagtgt gattctactt 120
cctaaaaacc ctgagcactt tgtgggtgtgc aacagatcaa acacggtggt catcatgaac 180
atgcagggggc agattgtcag aagcttcagt tctggtaaaa gagaagggtg ggacttttgtt 240
tgctgtgccc tctctccccg tgggtgaatgg atctactgtg taggggagga ctttgtgctc 300

<210> 263
<211> 300
<212> DNA
<213> Homo sapiens

<400> 263
atttctactt gagctaaggt agtatttgtt atcctctttc cttcttaggt atccataatc 60
cacaaagcat atttaaaagg ctcttggcac gggcagcatt ggttgagcag gtaggtttgg 120
ctaggggggaa atgtttaact tgttctgaaa gaaaaactta tgtctgtagg gtccaagaaa 180
cagctattcc agagtcagtg tcagctgagt ctggaacata tgaagtgagg ttactttcta 240
agaacacaag tgactgcaca ctaattttgt caaggcatct tttcactact ttgctgtaga 300

<210> 264
<211> 300
<212> DNA
<213> Homo sapiens

<400> 264
gctcttgggt tttatgtccg ctgcttcttg gttgcgcaga cagagagatg gtggtctcgg 60
gccagccct cctctccccg ccttctggga ggaggaggtc acacgctgat gggcactgga 120
gaggccagaa gagactcaga ggagcgggct gccttcgcc tggggctccc tgtgacctct 180
cagtcacctg gcccgccag ccaccgtccc cagcacccaa gcatgcaatt gcctgtcccc 240
cccggccagc ctccccact tgatgtttgt gttttgtttg gggggatatt tttcataatt 300

<210> 265
<211> 300
<212> DNA
<213> Homo sapiens

<400> 265
gactttotaaa tatatcttgg atataatagg tgataagttc tgtcaattag taacatctga 60
aaaaacagct ttgtcctggg tgaataaagg tgccaaaatt gcctggaaaa gagcagtga 120
aggagtccgg gagatgtgtg atgcatgtga agcaacattg tttaacattc actgggtctg 180
ccaaaaatgt ggatttgtgg tctgcttaga ttgttacaag gcaaaggaaa ggaagagttc 240
tagagataaa gaactatatg cttggatgaa gtgtgtgaag ggacagcctc atgatcacia 300

<210> 266
<211> 300
<212> DNA
<213> Homo sapiens

<400> 266
gtcacctcca ctagaggggg ataaaaagga taataggaaa tcagaatatt ttgatttgta 60
gttcaactgt tgatcaatta tctttgagac ttttaacatt catgactaag gaggattaat 120
aattaacatg agctgtagaa ttaagggttg tatggcatga taagtataaa ccagtttttg 180

gaccgctata attctaaaaa agcaggtaga ctagatgatt agttgtacac ttattactgc 240
 taattcttga ttgtagaaca aattttccta tgaaaaccat gttgtgtatt ttatatctct 300

<210> 267
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 267
 gatctctata ctagtgaaca gtgccagttc cacactttgg acttagaact gttctctagt 60
 tattgtaaca cagaatactg tcaatcccta atttacttaa tgttacttat tggaagtggg 120
 gctgatgaaa tacgcacagg agggaaatct actgtgttta ggcacaggca gcccagtggt 180
 ataaggagat catattccaa aagggtgtca gttggtgttt tgcaacctgg aatgtatttt 240
 ccttttagaga ccaggttatc catggtgggt agggccctag agcagctgga aaagatgac 300

<210> 268
 <211> 276
 <212> DNA
 <213> Homo sapiens

<400> 268
 gaggccactc tgctggccac ctccagtggg tgctgaccac aggatgggct ttgggtacac 60
 tcattttcac cctgattctt gccccactt tcataaaaga aacttcaaaa tgctgacgct 120
 ttggagagta agaaaatcaa tcttggtctg gcacggtggc tctgacctgt gatcctagca 180
 ctttgggagg ctgaagctga aggatcactt gagctcagga gttggagacc aacctgggca 240
 acataacaag accctgtctc tacaaaaaaa aaaaaa 276

<210> 269
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 269
 gctgccacca cccccgggcc cagcctgtct gaaagttcag ggtttaggcc gagaaacccg 60
 gtggggaggg gtggggagcc ggagctctgt ggcggggctg gagggctggg gtgcacttta 120
 gtttggggcg ggacgggagc cgccgttgtg actggcgtgg tctggctgct gctcccgaac 180
 ggaggggtcg gggttggctt gctgggccct cagagcccag tgggtggctc tgactcggct 240
 cctactccc tgcaccagc tgggcgcagc cttggggcct gcggtctgaa tgtatccctc 300

<210> 270
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (300)
 <223> n = A,T,C or G

<400> 270
 gactcatntg cagtgttgtc agaaacaaat aataaagccc caaaagataa actagttgaa 60
 aaaactggca aaatctgtat acgtggaaat ttaccaggac agagactgaa gaataaagaa 120
 aatgagtttc attgccagat catgaaatcc aaagaaactt taaagaagat gagttgtgta 180
 aatggaactg aaggaggagg agagctgcct tcgcttggtg caaagcacac atgtgtatac 240
 acatgggtca agcagtgtgt gtctgtggct gcctgtccag aggaatggaa atatcctttg 300

<210> 271
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 271
 agtggctgga taaaaggatg tgtgggaaag aactgagttg aaattaggag ttagaatttt 60
 attcttttgt actaaggaa cattgaagat tttaaaatta gggctgacat aatcagattt 120
 gagtttggga acctatagtt tgggactgga ggaagacagg tgccagacac cagttaaaaa 180
 gctgttattt tctaagcagt agacaaaggt ttacactgac aatagctgtg gagatagaga 240
 aaagctgcga gatttcagag ttttccaagg tgtaaacaac taaattttgt gatcaaaatg 300

<210> 272
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 272
 ggaacctact agatggacag gctgaggtgt ttggcagtga tgatgaccac attcagtttg 60
 tgcagaaaaa gccaccacgt gagaatggcc ataagcagat aagtagcagt tcaactggat 120
 gtctctcttc tccaaatgct acagtacaaa gccctaagca tgagtggaaa atcgttgctt 180
 cagaaaagac ttcaaataac acttacttgt gcctggctgt gctggatggt atattctgtg 240
 tcatttttct tcatgggaga aacagcccac agagctcacc aacaagtact ccaaaactaa 300

<210> 273
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 273
 ctgggttttga ttggtcagat tcttttttca ctagcggcgg tttttctttt atgtcttggt 60
 ataaagaagt atctcattgg accctattat cggaagctgc acatggaaag caaggggaac 120
 aaagaaatcc tgatcttggg aatatctgcc tttatcttct taatgttaac ggtcacggag 180
 ctgctggacg tctccatgga gctgggctgt ttcttggtcg gagcgctcgt ctctctcag 240
 ggccccgtgg tcaccgagga gatcgccacc tccatcgaac ccatccgcga ctctctggcc 300

<210> 274
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 274
 ccaagactca tttgtttcat tcacattcct cacgtgcaac aacataatta tattttaaga 60
 aaatgtaact ttgttacatc aaaatatgtt gtctagtaaa aagttgatat tcagtagaac 120
 aaggatcatg taaataaaca tctatttcac atgtacccaa aagcatttaa aaagcagaat 180
 ccagggccca gagcatgagc cagggaggag gatgtttttc ttcttttctc tatttttccc 240
 taaattgtgc aaacataggt gagtctctta acctttctgt gcctcagttt ttctacctct 300

<210> 275
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)

<223> n = A,T,C or G

<400> 275

ccacgactca	tttgtttcat	tcacattcct	cacgtgcaac	aacataatta	tattttaaga	60
aaatgtggct	ttgngcatca	aaatatgttg	tctagtaaaa	agttgatatt	cagtagaaca	120
aggatcatgt	aaataaacat	ctatttcaca	tgtacccaaa	agcatttaaa	aagcagaatc	180
cagggcccag	agcatgagcc	agggaggagg	atgtttttct	tcttttctct	atttttcctt	240
aaattgtgca	aacataggtg	agtctcttaa	cctttctgtg	cctcagtttt	tctacctcta	300

<210> 276

<211> 263

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(263)

<223> n = A,T,C or G

<400> 276

gtggcaactt	gatgaaacag	ccaaatgcac	cagggcaggt	cactttccca	ttacactgat	60
tccacaatta	aaaaaaaaaa	aagaaaaaaaa	actcattgaa	atagctacag	ttctataggt	120
taatttaaag	cctccttttt	ctactcattt	ttgaaaccaa	aattacattt	tactatttta	180
cataaccagt	gaaaagacgt	tgaaagccta	cagnnnnnnn	tntttggngc	tctgaaaatg	240
ntnangnnnn	ntntntnnnn	ttt				263

<210> 277

<211> 300

<212> DNA

<213> Homo sapiens

<400> 277

tcactacact	taaaaataca	agggacatgt	taggcaatca	gatgctttgt	agaaactgag	60
ctattttgtc	gcctggcgcg	gtggcccaca	cctgtaatcc	cagcactttg	ggaggccgag	120
gcagtggctc	acgaagtcaa	gagttcaaga	gcaacctggc	caagatgggtg	aaaccctgtc	180
tctactaaaa	atacaaaaat	tagctgagca	tggtgggtggg	tgcctgaggc	tgaagcagag	240
aattgcttga	atttcaggag	gcggagggtta	ccgtgagcca	agatcgcgtc	acagccctcc	300

<210> 278

<211> 296

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(296)

<223> n = A,T,C or G

<400> 278

cctgtctcta	ctaaaaataa	aaaaatgacc	tgggcatggt	ggtgggcgcc	tgtagtccca	60
gctactcggg	gcgctgaggc	aggagaatcg	ctcgaaccca	ggagggtggag	gttgacgtga	120
gccgagggtt	cacaattgca	ctccagcctg	gcgacagagc	gagactcgtc	tcaaaaaaaaa	180
aannnnnnnn	nngggnaanc	ntnnnantgg	ggnnnccact	tgccttttgc	cnggnnnncc	240
cangttntnc	ctngttttcc	nggnatttta	ncccccttcc	atttttgana	aaagac	296

<210> 279

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 279
 ctggctcaga tgtgggatgt gtatggaaga atataaatga tgggtgtggat gtcaggggtga 60
 gggaggagac aaaaccacga tgaccacctag ctttgtggcc tgaactgtgg gtggctgagg 120
 ggatcggttaa ttgaatgggg cagactgagg cttgtgagga agatcagagt ctgggttcttg 180
 acatgagatg cccttcagac atctcttcac tcaggtccaa ctagggatac agaaacactg 240
 aatatttcaa cagcagaaat tgaatggggg gattgatagc gctggcgagg gaagcagctg 300

<210> 280
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 280
 gaaatataga gagatgtggg atttgaatgc ccatgaaaga cattttatctt tacttgaata 60
 tattcttgct tcactttacc ctccataata tggtgtacat tagtgctgat caagtttaca 120
 gagttacatt ttgctttcct aaccattcag tcaggaatta aaatatggca ttgtataaca 180
 actgggaaga agctcatagt ggatataaat tagagtagat aatgggtcac cttgatagcc 240
 tctgtttaca ttacttgtat atgggcaaaa taattattac ctatacgtgt atttaagctt 300

<210> 281
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 281
 atcttttaggc tccgtgtgtg aaatgcagca agcctgcccc cagcagcctg tgggctaate 60
 ctgagctggt ccttcgttta ggtacacagg tgaccctgaa gttcccactc ggccctctgt 120
 tttctgagtc ctgtctcctc tgtagcacag tggggattgt tctgaaccgt ggcacgcctt 180
 cttggcgagg caggctctct tatggaacca tagtctgtta cctcatttct tccaactgct 240
 ctgtccccta aatgtgtgtt cccagggtgca gtgcagcaag ggtgctcgct gttggccttt 300

<210> 282
 <211> 261
 <212> DNA
 <213> Homo sapiens

<400> 282
 cctgtttcca ggagatatgt gtgtccatca gcagtataa aaatcttggg cagggtgttat 60
 tgcactgttt gtatgattca gaccaccta ctctgctgga aacaagcagg ttgttgctta 120
 cttgcctttc ccaggcagaa gtggccagtg tttgggttga aaggatccag gaacatccag 180
 ctatttatga tagcatttgc ttcattatgt caagttcaac aaatgttgac ttgctggtga 240
 aggtgggaga ggtgtgggag g 261

<210> 283
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 283
 gaaaggtggc ggccttctca cggctgagtt gctgcgcctg cagacggaag ctccccacag 60
 gcagagctgc ttggatgtgt gagtcataa gccagagaag ccccgctcca tgagcagtga 120
 ctccccaggc cctgtgacct cctcctgtc ttgcagctcc tcctggcacc agtccccagg 180

gctctcctgt	tggtagttcc	tgcttttctt	cttggaatt	cctcgtggac	ctcgagatct	240
ttaccctaaa	atagttctgt	tgaatttcac	cctggcaatg	taaattgata	gcttatcttc	300

<210> 284
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 284						
gaagacacca	gtggtggaat	cgagtgtttg	gccacagttc	gggacctatg	gtagaaaaat	60
actcagtagc	taccagatt	gtaatgggtg	gcgttactgg	ctggtgtgca	ggattttctgt	120
tccagaaaagt	tggaaaactt	gcagcaactg	cagtaggtgg	tggctttctt	cttcttcaga	180
ttgctagtca	tagtggtat	gtgcagattg	actggaagag	agttgaaaaa	gatgtaaata	240
aagcaaaaag	acagattaag	aaacgagcga	acaaagcagc	acctgaaatc	aacaatttaa	300

<210> 285
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 285						
atgttaaate	atgtcttaaa	catctgtgaa	aaagatggta	cttttgacaa	catttatctg	60
catgtccaga	tcagcaatga	gtcggcaatt	gacttctaca	ggaagtttgg	ctttgagatt	120
attgagacaa	agaagaacta	ctataagagg	atagagcccg	cagatgctca	tgtgctgcag	180
aaaaacctca	aagttccttc	tggtcagaat	gcagatgtgc	aaaagacaga	caactgaaca	240
aattacaaat	gaactttctt	gcacttgctt	gtcgccaaat	aaaagagagg	cccattgatt	300

<210> 286
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 286						
ctaaaatggt	aaatcatgtc	ttaaaccatct	gtgaaaaaga	tggtactttt	gacaacattt	60
atctgcatgt	ccagatcagc	aatgagtcgg	caattgactt	ctacaggaag	tttggtcttg	120
agattattga	gacaaagaag	aactactata	agaggataga	gcccgcagat	gctcatgtgc	180
tgcagaaaaa	cctcaaagtt	ccttctggtc	agaatgcaga	tgtgcaaaaag	acagacaact	240
gaacaaatta	caaatgaact	ttcttgact	tgcttgctgc	caaataaaaag	agaggcccat	300

<210> 287
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 287						
aagtaatacg	tcctttcacc	ttttctttca	agatatttct	gcattaaatc	atcctcagta	60
tatttttttg	aaagccaagt	tttcccaaag	ctcctcattt	cctcatctcc	ctctgtgcc	120
ctggtttttc	agttgctggg	ggctacagac	cctctctcta	gaaagatgga	catgtgaaca	180
taagcactgc	attttgcaca	caatttccgt	ggttcagaaa	ccacctgaac	ttttccttct	240
agaggaccct	gcttaaacac	ttccattcta	gggtgtccag	cccattaaga	tggccaagaa	300

<210> 288
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 288

actttataaa	taaattatat	gtctgatact	agccttccat	tgcttgatc	acatctgatt	60
gtcctggtaa	tttgagaaaa	gggtagcccc	ttggtatgga	tagtagcttg	atgacatgga	120
attcagggaa	aagactatga	tgggtgtcact	tgtaactgct	tttgtgctgt	aaaattgtca	180
tggattaaga	agagagttgg	ctgggtgcgg	tggctcacac	ctgtaatcct	agcactttgg	240
gaggccaaag	taaggactgc	ttgagcccag	gagttccaga	ccaacctggc	caacacagcc	300

<210> 289

<211> 300

<212> DNA

<213> Homo sapiens

<400> 289

ttactgactg	caacaacttc	agattatacc	tcttctactc	caagtgcctt	caaagaaagt	60
cctctgccaa	gacaaattca	ttacgttttt	tccctctacc	tgtttgccct	tattctcttt	120
tgtatttcat	cttctcatct	agattgaata	atctttgaga	gcacagatgt	ttattttatat	180
ttttcctttc	catttctact	cagcatgagg	tgtccattga	acaaacttga	tgaattttta	240
ttgcttaata	tcttgctaga	ggtggggaga	gagggttgagg	gcggttaagg	aactatcagc	300

<210> 290

<211> 300

<212> DNA

<213> Homo sapiens

<400> 290

ccactgcgtc	cctttgcgtt	cagccctccc	tctggctttc	agttacacca	agctaaaatt	60
tcaggttccc	agctgcagct	ctctgggtcc	cccggtgccc	cagtggggct	ccccgcctct	120
gaatgtgtgg	tccctggggg	tgggcacttg	ggggcactcc	ggtcactgct	ggccctagca	180
ttggacccta	ggagacctga	ctggaactgg	ctccctcccc	atcagctccc	agctgtcact	240
ctctcccacc	cccgggcagc	tgttttgccc	aagaccactg	ctacctgttt	accacacctg	300

<210> 291

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 291

aataaacgta	tgtgttcata	ttcgatcacc	gaaatgagag	ttcttaattg	ctaattgaca	60
aacgcgttag	caatttcagt	tagggagtca	tctcccttga	ttgtgttctt	ttcctgtcaa	120
ttttcataga	cctaatttgc	aaactcaatc	ggggactaaa	atttcccact	gaaaatgtta	180
aacattttag	ataactgtga	agatagttta	tttttattcc	ttgccaatct	gggaatatgc	240
ctttttnnnn	nnnnnnnnnn	nntntttaag	tgctgtatta	ataatacttt	ctgaaagaaa	300

<210> 292

<211> 300

<212> DNA

<213> Homo sapiens

<400> 292

cgccagagca	gcagtgggga	acatcttctt	gtctgctgga	cacctgattg	ggccggttct	60
ctgccattcc	ttctgcaatt	acatggggtt	cccagctggt	tgcgcggcct	tggagcaccc	120

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acagaggcgg cccctgctgg caggctatgc cctgggtgtg ggactcttcc tgcttctgct      180
ccagccccctc acggacccca agctctacgg cagccttccc ctttgtgtgc ttttggagcg      240
ggcagggggac tcagaggctc ccctgtgctc ctgacctatg ctcttgata cgctatgaac      300

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<210> 293
<211> 289
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (289)
<223> n = A,T,C or G

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<400> 293
ctgcgtatc agcgcaaaga acctcccgac agtgccactg accccacctc cccccagccc      60
cacagctggg tctggctggg cactgaccag gaggaactga gccgccagct ggaccggcag      120
tcccctggcc cgcccaaggg ggaggggagc tgcccctgtg agagtggggg aggaggggag      180
ggccctaccc tggcccctgg ccctcctggg ggcaccacca gctcctcaag caccctggcc      240
cgaaaggagg ctggggggcg gcggaagcga nnnnnnttg ngacatttg      289

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<210> 294
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 294
cagagctgtg atctgcccc aggtattctg acccccaaac tggtctctca ccatgtttac      60
atgatgaaaa gaagagggtga ctgttgatc agctctaaag gcctcacttt tggtgaaatg      120
ggacctaaat ttgattgcat acttgattac ttgctgtcaa tactgaaatt ggcacttcat      180
aattttaata ctattgaact ttcaccataa ccctgtccta taaagttagc ttgcaaatga      240
agaaactcta tctcttcaat attataaaat atatccaaga gtcacaacta gtgagaaaag      300

```

```

<210> 295
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 295
ctttcccatt cacttctcta gaaagctgcc aagacagagg cagaaagaaa tggatgatag      60
ttctgtcaag cacacttctg ttctcttaga acttagaagt gtttctaaga gaacagaagt      120
aataagagaa acagttacgt gtggaattca acatctttgg ttggaacgca ttggcttttt      180
ttttcttggt ttgatagaaa tgggaattaag caaaagtagt ttttgtcttt tctgttgctc      240
tcaaattcca tgccttttat ttttaattta atcccgttca aataacttaat tgttatacat      300

```

```

<210> 296
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 296
gttttgttct cttctttgac tattaaaaag ctcaagtcca aatatttcta acatatggca      60
agtgtttctg tgtaccttac aagtctatat ataaattttt cttctcttga cagggtttta      120
tctatattta gcaagtcacc cctaattctt ttagaataag gcagaaaata aatcaacgta      180
aaggttgaga ccaagccaga gacagctggc caaagtagct gggtcagggg tataacctgc      240
aagttgccaa cccagcgcat tcttctcacc cttcttcac cctacgaaag gccatatctt      300

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<210> 297
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 297
 cgacagctct ccaataactca ggtaaatgct gaaaaatcat ccaagacagt tattgcaaga 60
 gtttaatttt tgaaaactgg ctactgctct gtgtttacag acgtgtgcag ttgtaggcat 120
 gtagctacag gacattttta agggcccagg atcgtttttt cccagggcaa gcagaagaga 180
 aaatggttga tatgtctttt acccggcaca tcccccttgc ctaaatacaa gggctggagt 240
 ctgcacggga cctattagag tattttccac aatgatgatg atttcagcag ggatgacgtc 300

<210> 298
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 298
 tttctccatg ttggtcaggc tggctctgaa ctaccgacct caggatgatcc acccacctcg 60
 gcctcccaca gtgctgggat tacaagcatg agccaccgag cccggcctcc ctgttccagt 120
 tttctataat ctgttcatat tatattctgg gtatatgtgg gtgggtgtgat tatccatgtg 180
 gtcttatttt cacattcttt gcattaacta taatgtactt aatgttttaa gataagtttc 240
 attctacaaa gatgtatgta caatacctgg tatcaggtaa caatcttaaa aaaaactaat 300

<210> 299
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 299
 cttcagcatt cagccacttc gtttcagtgg catctgtaat atactcttta atatgaagat 60
 gttgaattaa aagtcaaaat actgatgtga gttgacctag tctcaaaggg taaaagatta 120
 tttttccagg gagcaaatga gaagggtggg tgcacgagcc ttttgctgaa cagttggagc 180
 cgtgtccagg tggaggtgcc aatacagaat caggattggg gggcacacgg agaaacaggc 240
 tatggccctt gagggctgaa cccccaggg tgagggtgca gatgctgccc ctgcttcggt 300

<210> 300
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 300
 gctttttggg acagtagaaa ttttcacatt aatactgtaa attctgtacc atattttgac 60
 acctgctaca tctgattcaa atgogggaaa aaataccatg tgtgcataat gaaaaatcat 120
 tcatttttcc ctttcttacc ccagcaggaa tagaaagcaa ttccaagcca ctctgcaaat 180
 gtatccaagg ttagagattc gggagctggc caacatctta caccctaaat gactgaagca 240
 tttcagtagg ctgactggct cgaaataaca atttaagaaa ggggggaaaa aacctacagg 300

<210> 301
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 301
 gaaatggatg atagtctgt caagcacact tctgttctct tagaacttag aagtgtttct 60
 aagagaacag aagtaataag agaaacagtt acgtgtggaa ttcaacatct ttggttgga 120

cgcattggct	ttttttttct	tgttttgata	gaaatggaat	taagcaaaag	tagtttttgt	180
cttttctgtt	gtcttcaa	tttatgcctt	ttatttttaa	tttaatcccg	ttcaattatt	240
taattgttat	acattgacat	taactgctgt	attttgactt	tgttcaataa	ttttgttctc	300

<210> 302
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 302						
agtaccaga	gttgcgagga	gttttttaac	tgatttagcc	aggtggcaat	catgagtga	60
tggatgaaga	aagggccctt	agaatggcaa	gattacattt	acaaagaggt	ccgagtga	120
gccagtga	agaatgagta	taaaggatgg	gttttaacta	cagacccagt	ctctgccaat	180
attgtccttg	tgaacttcct	tgaagatggc	agcatgtctg	tgaccggaat	tatgggacat	240
gctgtgcaga	ctggtgaaac	tatgaatgaa	ggggaccata	gagtgaggga	gaagctgatg	300

<210> 303
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 303						
accagtatca	gatttgtgat	taatcgcat	actgtcaagt	cctcatgcag	gccagtcaga	60
cttctgtgtg	tgttccctca	ccttccattt	aagtttcagc	ctttatctat	gtccttttgg	120
gtgtctgcca	tgctgatgat	agagctcatc	agtctttgat	aaatactgtt	aggtccttaa	180
gtgattttct	gtgaaatctt	acgcatagga	tttctgtggt	cagggtttga	cgtctgatct	240
tgttcgtcag	atccccttgc	tcaagaatgc	aagtgcatta	cctcttaaat	tttaaaagct	300

<210> 304
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 304						
attggagttg	aaattaacat	ttcaaaagtt	tttcgtat	ttttatggca	gatgatttgt	60
catttat	tattaggtt	tactgcctat	tgagacaacc	aggtgcataa	ttgattgccc	120
tttggccata	aaaatgcagt	gtcatggatc	ttagagctaa	aaaggactgt	aaaaattacc	180
cagaacagcg	tcctcagact	taaccttctg	caagttatgt	ctgtatataa	gaagattcta	240
attgctaact	gtttataact	ttctgaataa	aatagttgtt	tcctaattaa	aaagtagcca	300

<210> 305
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 305						
gtggaactgg	ctcaggctgg	attactcttg	ctgctgtctt	gctgtactgt	atgccactgg	60
gatctgaaca	ctaaacattg	ctaagaaacc	caccacccac	caggatattt	ggaagtaact	120
tcacatatgg	aaaagttaaa	gactcagtct	ctgagaaaac	aattggactg	atgcgaatgc	180
agttttggaa	aaaaactgtg	gaagatatat	actgtgacaa	tccaccacat	cagcctgtgg	240
ccattgaact	atggaaggct	gttaaaagac	ataatctgac	taaaagatgg	cttatgaaa	300

<210> 306
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (300)
 <223> n = A,T,C or G

<400> 306

cacttggtg	agatccaatt	tatctcacct	tctgatagtt	ttaaaagaga	agtaatttta	60
atttacatta	actttaaaat	atttgtatgc	caaacactag	ttattttgag	gggatcgaaa	120
caaatcatag	cagagataag	gaactttcat	actttgggag	gatttttttt	aaataactgt	180
atgtttactc	taagtagata	tgtgtatgca	tgcattcact	tatgatatgc	acannnnnnn	240
nnnnnnacac	acacacacac	acacacacag	aaatttatgn	ngcctttaan	aatcttgga	300

<210> 307
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 307

agaggggtgg	gtctggccac	ataggtacct	ctgtggctct	ggctctgggt	tagacactgt	60
tagggactag	catttattgg	acttgtaaag	acagcacctc	agaattagta	actacttgca	120
ttttagggtc	tgttttatga	agccaacaag	tgaatgtaaa	ataggctctg	catcttttct	180
gagagccctg	tactgggca	gtgagcattt	ccaaaattgc	agctctgtca	gaatgaacca	240
tgaatactta	agaaagggaa	agtaggaaca	gggagcagag	caaagcataa	cttgctgtgt	300

<210> 308
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 308

cttctgttga	ttggtttgtt	taaagtacct	aagtactacc	ctttgactcc	ctacccaaaag	60
ttcttttgtt	ttttaaacia	cttttatttg	tgacttactt	tcttgagaag	tggtcttaata	120
gaattgcata	aaatagtggg	agcagcttat	ttcttaagta	ctttattatt	tgtgctttac	180
catttcaggt	tcttatcttt	aacccttatt	tactcagttt	tccatctgaa	tgatcctatc	240
tctaaattaa	ggatttaata	aatgctgcaa	attgtccact	ttgcaaattg	tccaaaagct	300

<210> 309
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 309

ggctcagagg	ggttatgatt	cggaggggtc	tgccgcacgg	catgggccgg	ggcctcttga	60
cccgagggcc	aaggcacgcg	cagaggaggc	ttttctctgg	gtaaagttga	ggacgacaga	120
gggtattgtg	gttctgggtt	gtccccaacc	tccgactgtg	tgctcttcag	gacccgaaac	180
catggccac	actggcagga	cagtgggtcg	gcttggggaa	gggggttagc	ttacctacca	240
gagcttgtag	gggctgtgca	ggtgtatggc	tcccaaggcg	gcccttttca	ggtggcaggt	300

<210> 310
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 310

gggaccagaa	catgaccggc	tgggcctaca	aaaagatcga	gctggaggat	ctcaggtttc	60
ctctgggtctg	tggggagggc	aaaaaggctc	gggtgatggc	caccattggg	gtgacccgag	120

gcttgggaga	ccacagcctt	aaggtctgca	gttccaccct	gcccatacaag	ccctttctct	180
cctgcttccc	tgaggtagca	gtgtatgacc	tgacacaata	tgagcactgc	ccagatgatg	240
tgctagtcct	gggaacagat	ggcctgtggg	atgtcactac	tgactgtgag	gtagctgcca	300

<210> 311
<211> 300
<212> DNA
<213> Homo sapiens

acaagaagcc	atgaggccat	agggagaagc	tccctctccc	cttcatcttc	tgctccaaag	60
gtggtagcaa	gaggagtacc	cagttagggg	ttggagcccc	catataacat	cttctgtca	120
gaagactgat	ggatcttttt	cattccaacc	atctcccttt	ccccgatga	atgcaataaa	180
actctgtgac	accagcaacc	attgctcttt	agaaatgggt	tttctgatca	tatggctgat	240
gtgttatggg	cagcatggat	gtcttcattt	gttgcttctg	tttttcatct	tttttgtttt	300

<210> 312
<211> 300
<212> DNA
<213> Homo sapiens

aaagaatcca	atttttagagc	tgctaaaaaa	ctcttttgaa	gcacctttgc	atttcatggc	60
tcacagattg	aaaactggca	ctccatcctg	aggaatggtc	tggttggtgc	ttctaataca	120
ccgattgcag	ctccatggtg	caatgtatgg	aagtgggaatc	tatcttagtc	caatgtcaag	180
catatcattt	ggttactcag	ggatgaacaa	gaaacagaag	gtgtcagcca	aggaccgaag	240
ccagcttcaa	gcagtataag	cagcaataca	tcacagtcac	agaaaaaagg	acagcaatcc	300

<210> 313
<211> 300
<212> DNA
<213> Homo sapiens

gggtgttgga	gcagattgta	gttgatccac	agcaaagagc	atcaccaaag	ccattccagg	60
aggaactaga	tccaccactt	cctctgctgg	gcatgctcca	aaaatgggtg	tggttccag	120
agaggactcc	aaaagaaagc	acaaaaacta	gacagtggga	gggcataccc	aaaagccctg	180
agtttctgaa	aaaatattga	aagtttctat	ggtgaaatag	gaagttaatg	tgcttaggaa	240
gaaaaaagtg	gtaatgattc	aaggaaacat	aatcacacac	ggtttttagt	ttaatggaca	300

<210> 314
<211> 300
<212> DNA
<213> Homo sapiens

ggcggaggag	cagaagctca	agctggagcg	gtcatgaag	aaccoggaca	aagcagttcc	60
aattccagag	aaaatgagtg	aatgggcacc	tcgacctccc	ccagaatttg	tccgagatgt	120
catgggttca	agtgtctggg	ccggcagtg	agagttccac	gtgtacagac	atctgcgccg	180
gagagaatat	cagcgacagg	actacatgga	tgccatggct	gagaagcaaa	aattggatgc	240
agagtttcag	aaaagactgg	aaaagaataa	aattgctgca	gaggagcaga	ccgcaaagcg	300

<210> 315
<211> 300
<212> DNA
<213> Homo sapiens

<400> 315

aagtatatat	gactccactc	aggggtgtaa	aagcaaccca	agcatcaaag	tctactcagc	60
taaagactaa	cagaggacag	agaaaagtga	cagtttcagc	taggacgaac	aggaggtgtc	120
agactgctga	agccgactct	gaaaagtgatc	atgaagttcc	agaaccagaa	tcagaaatga	180
agatgagact	accaagacga	gccaaaaccg	cagcactaga	aaaaagtacc	acttaccctt	240
gcccaatttc	tcaatgaaga	tctaagttag	gaaagacgat	ggaggtggaa	tcctttaaga	300

<210> 316

<211> 300

<212> DNA

<213> Homo sapiens

<400> 316

gacctatctt	gatctggata	gtaaagttag	gactttaaaa	aagggttatta	aattactggg	60
agaaatcatg	gagcacagat	tcaagacata	tcaacaattt	agaaggtgtt	tgactttacg	120
atgcaaatta	tactttgaca	acttactatc	tcagcgggcc	tattgtggaa	aaatgaattt	180
tgaccacaag	aatgaaactc	taagtatatc	agttcagcct	ggagaaggaa	ataaagctgc	240
tttcaatgac	atgagagcct	tgtctggagg	tgaacgttct	ttctccacag	tgtgttttat	300

<210> 317

<211> 300

<212> DNA

<213> Homo sapiens

<400> 317

gattgtgaca	tggtgtaata	aaggatataca	tggtgtaata	aaggatataca	tggtgtaata	60
aaggatgtgg	gagcaciaat	ccataggaat	ttgagagttt	aggaattgta	tttattatct	120
aggcccttca	ctctcagact	accctgctct	atttgaataa	tgaggcttgt	ggtgggtctgt	180
ggaaaagtgg	acagagtaga	atttgggcag	ctgctgaagg	tttgggtctct	ggaatgagtc	240
cacgttacc	taaggacagt	aatcccaaat	tgagacaaaa	actttaagaa	aaccaatgtt	300

<210> 318

<211> 298

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (298)

<223> n = A,T,C or G

<400> 318

gggggtcttg	atggcttttc	caccgtccct	gagactgggg	ttgaggggac	tgacgggggc	60
caccaccgcc	ccgccctcca	gcgcctcctc	ccaggggtggc	tgggcctcct	gttctcaggg	120
atcacannnn	nnnnnggggn	ccaacccctt	ccggaaccaa	ggtgcangct	tangnctgcg	180
gctttctggn	tgtgtgctgg	cttctgggct	tcancctcct	gccccagccg	tccttgccan	240
ggcacannng	accatggggg	ctgggagtc	catnanagca	gtgangtggc	cccggcct	298

<210> 319

<211> 277

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (277)

<223> n = A,T,C or G

<400> 319

agaggggtggg	gtctggccac	ataggtacct	ctgtggctct	ggtctggggg	tagacactgt	60
tagggactag	cattttattg	acttgtaaag	acagcacctc	agaattagta	actacttgca	120
ttttagggtc	tgttttatga	anccaacang	tgantgtaaa	atangctctg	catcttttct	180
gagagccctg	tcaactgnan	tnnagcattc	ncnanattcg	natctctgnc	ntnatgtant	240
atgnctacnt	ttnanttntt	ttgtttcccc	ntttntct			277

<210> 320

<211> 300

<212> DNA

<213> Homo sapiens

<400> 320

aacgttcccc	cgctacatag	tctttctttt	gtgttattta	gtttaccatt	tcttttttcc	60
atcttggtat	aacctccacg	agttgtgtct	cttttggttt	ctacattata	cccaacggct	120
agcacataac	aggcacccaa	tatatactga	acgaactaag	gaatgaatga	aggaatgaat	180
gaataggtgg	cttataggaa	accctggggg	ccagggaactc	tgcaacatca	ccatgtaact	240
ttttctttgt	gctgagaagc	agagagaaac	aatagaagat	atctcttaat	ctctcaagga	300

<210> 321

<211> 300

<212> DNA

<213> Homo sapiens

<400> 321

gaggcaccag	caggtagtgg	cccctgtaag	cagggccaga	gtcgggacaa	agagcaggag	60
tgaagcagcc	aagagacaga	ggaccaggct	ggagccagtg	ggcacgcagg	agcctgcctg	120
ggaaaagccg	gggggcaagg	ctggcatggg	aatgaacacc	tgctggtgac	acctctctga	180
gcttcagttc	ccttaactag	aaaaatagaa	caggcccggt	gcggtggctc	atacctgtaa	240
tcccagcact	ttgggaggct	gaggcgggtg	gatcatgagg	tcaggagatc	aagaccaccc	300

<210> 322

<211> 300

<212> DNA

<213> Homo sapiens

<400> 322

gaccagaaaa	acaggtacgg	aatgagccct	ggaacatttc	tatttcagca	gaatatattg	60
cccaggtgaa	agggatctca	gtggaagaag	ttatagaagt	gacgacacag	aatgcattaa	120
aactgtttcc	taagctccga	cacttgctcc	agaaatagct	tcaaaaaccat	ccattacaaa	180
atcgaatcaa	ctgcaggggc	cagcatttga	aacatagaaa	tgttctgatg	aagaatctga	240
actgaagaag	ctgttttata	gggttataga	agattgtaat	tgtagagaaa	tatttctctt	300

<210> 323

<211> 300

<212> DNA

<213> Homo sapiens

<400> 323

gtgatctgcc	tgccttggtc	tcccaaagtg	ctgggaatac	aggcatgagc	caccgcactc	60
ggccaggagc	tagttttatc	agcatcctgc	tccactgcct	tcctctagtg	cagcctggaa	120
gacatggcag	cgggtagctc	ctggggctga	gccagaagca	tcaactgcag	gaaagtctct	180
gcttacctgt	ctggctcagc	ttgggcaagg	gctgggccat	atgtgctcag	ggacgtgctt	240
ctcttgtaag	gcaggaggat	agaagaggac	caagaaggga	gggagctgcc	ctgtggtgca	300

<210> 324
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 324
 gactggagaa gtcagaagta gaaaagcaga ttgctaggag agacaggatg acagattttg 60
 gtcagaaaaat gggatattgg agtttaaagt atcaaataca gaatagttcc agatgttcag 120
 agatccagca tgggattagg tactgaaatg gattagaact aaaagtcact agaatttaga 180
 aattgagaac catgagagtg gatgcaatga cttgttgctt gattgaaaaa taaattaata 240
 ataataaagg accatgagac tagcctgtta taggggttat ctccatgaac attgaatttt 300

<210> 325
 <211> 292
 <212> DNA
 <213> Homo sapiens

<400> 325
 ttcgagtgc agctcccat ctttctaaag tttccatggc aatacagcta actgaagaac 60
 taaaagccag tgatgtactt gccagggttc tcagccaaga aagtgggggtt gccagactc 120
 tcaagaaagg agaagttttt ttgtatgaaa ttggaggaaa tattggggaa cctgtccttg 180
 atgatgacac ttacatgaag gatttatatc agcttaaccc aaatgctgag tgggttataa 240
 agtctaagcc attgtacaag acttaacaag ctgcagataa ccatgtggac tt 292

<210> 326
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 326
 gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt atacagacat ttttttttta acttgttgat 60
 tcagatgtct tggtccttga atagtcctag attacttatt ttgagaattc attgttaaaa 120
 attacaggga attaaaataa ttgccttttt ttttagaggg taagagatgg gtagaagagt 180
 atgcctctga aaatttttatt agttttattct tgtggagaat accaagaaaa tgtgtatttg 240
 cccattgcta aatatgatat atgccatttt gtattttatt gtcccaagtg tctttttgta 300

<210> 327
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 327
 gcagggagtt gcttgggtgg ccgctaacac caggctactc ttatttttagc ttgctaagtt 60
 gagatcagct agacctgctt tcttttctcc tcagtcttgc atttccctca atacaagctg 120
 tagcctcttt cctcgtttct agtctcagaa ggaaggagag ggaagccatt ctctcttagg 180
 gactcttcag tctcatttag atgatagtcc ctttttttct acctccatat tagagatgga 240
 gctccttctt tttcctgggt ctttaatttt gtcttctcat tcctgcttcc ctctcaccct 300

<210> 328
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 328
 ctctggagta gctgggatta caggcatgca ccaccatgcc tggctaattt tgtattttcta 60
 gtagagacag ggtttcgcca tggtggccag gctgggtctca aactcttgac ctccaggtgat 120

tcacccacct	cagcttccca	aagtgttggg	attataggcg	cgagccacca	tggctcagcc	180
tcatgttcgt	ttttaaaact	taggatgggtg	gctcttttac	attgattggt	aggaactctt	240
catattacga	ggcagtttagc	tagttgtctg	tgaaataaaa	tactaatgat	tgaactttct	300

<210> 329
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 329						
ggttctacca	gtgcctacac	caagagtggc	tactgtgtca	acagggttttc	ttcactttctg	60
ccaggaggca	acaggcgaaa	ctcaacagca	aaagactaca	ccatttctaga	ttgcattttac	120
aatgaggtaa	accagaccta	ctacgttctg	gatgtgatgt	gctggcgggg	acaccctttt	180
tatgattgcc	agactgattt	cogattctac	tggatgcatt	caaagttacc	agaagaagaa	240
ggactgggag	agaaaaccaa	gcttaatcct	tttaaatttg	tggggctaaa	gaacttcctt	300

<210> 330
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 330						
ggtgttttgt	tctgtagcag	aagcataggc	atactgacaa	tacaaaccga	aatcctttcta	60
acgtagtgga	ccttttcagg	ccagcatttt	ttccttgaaa	acctggagca	tgtatccatc	120
ttatagcaga	gatcactttc	acaatgtttg	ggctcttgat	ttgaattgat	gatgtaatga	180
gccctctatc	cagattgtaa	ctaattactc	tgccaattga	ctggattcca	cacccttcta	240
atattttact	tttctctttt	tatcaactct	cattctcgct	gccatgatca	atggaccaac	300

<210> 331
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 331						
ctgtgcacac	aaattagaat	ccttgtaaaa	tggccatgat	tctgtttatg	accctggccc	60
tccaaccaga	ccagcctctc	tgccctctgg	ctttttttaga	tcactggcat	ggtttctgcc	120
tactccaggt	gccagtatta	ttttgtgaat	gttttttttc	ttcatatcta	ctcatcttta	180
tactactttc	ctcgtaaaag	gaaactagag	aacatgatct	taaatgaaaa	ccaacgatca	240
cttgccagaa	agaacaggta	actaggcttt	gaaaaaataa	gtagaggag	atagcataat	300

<210> 332
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 332						
tccctaagaa	tctcaaaactg	atthtttaaaa	atccggtaaa	ttagaagggg	ccctcgctat	60
tttctgtgtc	agtcttcatt	ttaaataatgg	atacaaaaag	gatacgccga	gccaatcaaa	120
gacaagcttt	aacttttactt	tgaagtgttt	ctgaaatgat	aaaatgtagc	cctagccccc	180
tgccctcaat	tgtaaagtga	gcaaccattg	ctagtaattc	tttaattgtg	ataaattcaa	240
tttcaggtat	aacaaatgtg	atcatgacat	gaaaatattc	tagaatagat	actgtattaa	300

<210> 333
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 333

ctggagggag	acccccaaaa	agaattaggg	tgctaacatc	ccacccaaaag	catcatccca	60
cccaaaatgt	tgctttttcat	tctatgtcaa	taattttaagg	tggaattttct	ctcacccctgt	120
ggagatgaaa	gtggcaaaaag	gttgtcccag	cagtgtttggg	ggatgggggtg	tgcacatcat	180
tcttttgggg	gtagatgacc	tgctggctgg	tgggcttttc	tccaggacta	ctgcaggtag	240
agaccctctg	ggcttgtgtg	gagtgaggagc	agccgtgttg	ggactatggg	gaggagctgg	300

<210> 334

<211> 300

<212> DNA

<213> Homo sapiens

<400> 334

gcaccagcag	gtagtggccc	ctgtaagcag	ggccagagtc	gggacaaaaga	gcaggagtga	60
agcagccaag	agacagagga	ccaggctgga	gccagtgggc	acgcaggagc	ctgcctggga	120
aaagccgggg	ggcaaggctg	gcatgggaat	gaacacctgc	tggtagacac	tctctgagct	180
tcagtccct	taactagaaa	aatagaacag	gcccgggtgcg	gtggctcata	cctgtaatcc	240
cagcactttg	ggaggctgag	gcgggtggat	catgagggtca	ggagatcaag	accaccctgg	300

<210> 335

<211> 300

<212> DNA

<213> Homo sapiens

<400> 335

ggaagagggg	cgccgagaag	aaggacctgc	ctgtcaccaa	aaacacgctc	aagtgcactt	60
tccggtccct	ccaggtcagc	aggctgcccc	gcagcggcga	ggctgcagcc	acgcccacca	120
tgtccatgac	cgtggtcacc	aaggagaaga	acaagaaggt	gatgtttctg	cccaagaaag	180
cgaaggacaa	ggacgtggag	tctaagagcc	agtgcattga	gggcatcagc	cggctcatct	240
gcactgccag	gcagcagcag	aacatgctgc	gggtcctcat	cgacggcgtg	gagtgcagcg	300

<210> 336

<211> 300

<212> DNA

<213> Homo sapiens

<400> 336

cagagctgta	tcttcagtgg	tgtgatgaag	ctacagtagg	ggagatcact	catgctaggt	60
atggatctcc	ttacccttgg	cctctgaatc	atattttggc	ctatcaaaaa	cagtgggaag	120
tcaaacgtaa	gatgaaagct	attggatggg	gaaagaagac	tctggaccag	gtcttagagg	180
atgtagacca	gtgctgtcaa	gctctctctc	aaagactggg	aacacaaccg	tatttcttca	240
ataagcagcc	tactgaactt	gacgcactgg	tatttggcca	tctatacacc	attcttacca	300

<210> 337

<211> 300

<212> DNA

<213> Homo sapiens

<400> 337

ataggcatat	tgacaataca	aaccgaaatc	cttctaacgt	agtggacctt	ttcaggccag	60
cattttttcc	ttgaaaacct	ggagcatgta	tccatcttat	agcagagatc	actttcacaa	120
tgtttgggct	cttgatttga	attgatgatg	taatgagccc	tctatccaga	ttgtaactaa	180
ttactctgcg	aattgaatgg	attatacacc	cttttaatat	tttacttttc	ctctttttatc	240
aactctcatt	ctcgctgcc	tgatcaatgg	accaactatg	cttataacca	caaatgggtga	300

<210> 338

<211> 298
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (298)
 <223> n = A,T,C or G

<400> 338
 gcttgcaactt acacacggaa tcgctgtgca tccgacagag gctgattggc acatgggggca 60
 cggggattgt cagctcaaac accgtcagca gcgttgccct tggaaatggg atttcccaga 120
 acagtaaacg tgtctgtcct tgatttacag agtagctaca ttctaggaa atccagggtg 180
 cattaataact caccatgtta cccaggctgg tctcaaaactc caggcctcaa gcaatcctcc 240
 tcctgtctcc acacagacgg cttctgcacg tttgngaate tacaggncac tccttgca 298

<210> 339
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 339
 gcagagagaa gggccgttct cggctgggtat caggcccaag agagtcaaca aagggggggac 60
 gaaagggaga cagggaagag aacagtgggtg gggctgtaag ttgacctcca ggtggcagaa 120
 aataaagttg gaagaattga ctgggacaga cagccagggc cctgcaggaa gggcgggaga 180
 ggaagcctgc ggacacctgc cctttgtgat tgaaccgcag acaccaggcc tggcgggggtc 240
 gcttgccctcc gctgcccagg ctaaggctcc gctaagctgg tcctgagaac atacttcatg 300

<210> 340
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 340
 ccagccccctc ctctccccgc cttctggggag gaggaggtca cacgctgatg ggcactggag 60
 aggccagaag agactcatag gagcgggctg ccttccgcct ggggctccct gtgacctctc 120
 agtccccctgg cccggccagc caccgtcccc agcacccaag catgcaattg cctgtcccc 180
 ccggccagcc tccccactt gatgtttgtg tttgttttg ggggatattt ttcataatta 240
 tttaaaagac aggcggggcg cgggtggctca cgtctgtaat cccagcactt tgggaggctg 300

<210> 341
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (300)
 <223> n = A,T,C or G

<400> 341
 aagctgctag gttccagttt taatttttag ggtagttgg actctgttat gaaaagatag 60
 gttatgggtg ggcgacaggt tgatacagtc ttagaaaaag caggtaatat caaaggattg 120
 gaaagctagc atgcatgcc cttacctgg gtatcttccc ctttttttcc ttttaaaactc 180
 ttgagcctcc tataacagaa ggattatgtg cttcaaacct tcttnttttna ctgngccatn 240
 aagtgggctn gngcccaaaa tatttacttg canaanatcn gtnactggct taaatacttc 300

<210> 342
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 342
 agaagattgg ggatgaggag tgaggagaag gctggagacc agttagaggc taccgtagca 60
 gcgtagagag gctgaaaatc taactagggg ggaagcagcc aggcaggctg gtcctaattgt 120
 tgggagttgt tcagatctgg tggagaggtc attacttata gagttattaa ttataacccc 180
 accttaattg caaagagatt caaagcagta agccatcact ttagaattta atgttctggt 240
 ttccttttta ttactcatt cagcagctat ttcaatgcct gctgtgtgcc aggtgctatt 300

<210> 343
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 343
 gctgcacagt gggaaggga ctgggctgga agccctaccc atgtcaggga atgtctgggc 60
 ctcagattttt tattttctag aatgaagata cttaccccc aattgctgag atatttgaat 120
 aaaagtatat gtgaaggatt ttgtaattat agaatgtcct acaaatatga gtagttcggt 180
 tgctactttt ttggcgaaga aaaatattgg gatgcatgaa taatatctac ctaagggtacc 240
 taaggttgta ttcacccat ttattgaatg ccaaggatat accagctact gctccagatg 300

<210> 344
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 344
 ctgggaagga ataattcaat ttgattggca gatatatata atacagtagg agaataatgg 60
 gagaaagata aattgagact agaataggta gactttaaat gcctgtctgg tttaggattt 120
 tgaactttca aggtgtggta aatgtttgag taaaggaata atgtgtccaa agattattat 180
 ggaattgtct ctctgcatac ctctatcgct gtttgtcaca gctgtgttct tatgtgactg 240
 attcttctctg aagattagaa actcctcaaa gactgggtat tagagcttat tcttcattat 300

<210> 345
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 345
 aaaaagtaaa gctttttcatg agcacaaatc ctttgcattg tttgatgtta ctgatattcg 60
 taaaatgaat attttttggt ttgttttggt ttattttttt gagacaagtc ttgctttggt 120
 gccagggctg gaggtgcaatg gcatgatctt ggctcactgc aacccctgcc ttgcgagttc 180
 aagtgattct tctgcctcag cctcctgagt agctgggatt acaggcgctc accaccacac 240
 ccagctaatt tctgtatttt tagtagacac agggttttac catgttggcc aggctgggtc 300

<210> 346
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 346
 agaaatgtag cacaaaatgg agaagtcggt caaccttgac cctgtcagag ttcttatttg 60
 aaagccacat tgctgctagt gttcttattg tgttttggat tctgtttctt gccctttttc 120

ttattagcca	agtagtaact	taaggaagca	gataagaaca	atgaattttg	gactaaagga	180
agtaagaaca	atgaaccaga	aatcagatag	gaatgtgggtg	ataattgtga	catggtcaca	240
tagtcatagt	gggagctcat	gtgagtaaaa	atagcttgat	acatttgta	agaggcttgt	300

<210> 347

<211> 300

<212> DNA

<213> Homo sapiens

<400> 347

caaagccgtc	ccttcaaact	cgtctttgtg	cccactgcc	tagtcaaccc	cgtgagaagc	60
acagccggcc	ctgggacttt	aggacaaggg	tctcttcgga	aagggcggag	cagcatgaga	120
aagaatggat	ccctgcagag	acccctccag	tccgggatcc	ccactctcgt	ggtaggctcc	180
ctcagacgca	gccccaccat	ggtccttcgg	cctcagcagt	tccaattcta	ccagccacag	240
gggatccct	cctccccctc	agccgtgggtg	gtggagatgg	ggtccaagcc	tgccctcacg	300

<210> 348

<211> 300

<212> DNA

<213> Homo sapiens

<400> 348

actcctactc	agcccatgga	cccgatgagc	tggacctgca	aaagggagaa	ggcgtcaggg	60
tcctggggaa	gtgccaggac	ggctggctca	ggggcgtctc	cttggtcacc	gggcgagtcg	120
gcctcttccc	aaacaattac	gtcatcccca	ttttcagaaa	gacctctagt	tttcagact	180
cccggagccc	tggtctctac	accacatgga	cgttatccac	ctcctctgtg	tcctcccaag	240
gcagcatttc	agaaggtgat	ccacggcaaa	gccgtccctt	caaatccgtc	tttgtgcccc	300

<210> 349

<211> 300

<212> DNA

<213> Homo sapiens

<400> 349

agaatgctgc	cacagatgtg	agacgggtgt	ggctttcttc	agtgggtggat	cacttttcatt	60
catcttttagg	cgacaaaggt	tggggttgtg	gttacagaaa	tttccaaatg	ctacttttcatt	120
cattattaca	aaatgatgct	tacgacgatt	gcttaaaagg	tatgttgatt	ccttgcatcc	180
caaaaattca	atctatgatt	gaagatgcat	ggaaggaagg	ttttgatcct	cagggggcct	240
ctcaacttaa	taacagggtta	caggggaacaa	aggcctggat	tggagcatgt	gaagtatata	300

<210> 350

<211> 300

<212> DNA

<213> Homo sapiens

<400> 350

aaaatccggt	aaattagaag	gggccctcgc	tattttctgt	gtcagtcctc	attttaaata	60
tggatacaaa	aaggatacgc	cgagccaatc	aaagacaagc	tttaacttta	ctttgaagtg	120
tttctgaaat	gataaaatgt	agccctagcc	ccctgccttc	aattgtaaag	tgagcaacca	180
ttgctagtaa	ttctttaatg	tgtataaatt	caatttcagg	tataacaaat	gtgatcatga	240
catgaaaata	ttctagaata	gatactgtat	taaatattgc	catgtttaca	atatgtaata	300

<210> 351

<211> 251

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (251)
 <223> n = A,T,C or G

<400> 351
 cacactccag gctgagaaaag agtaattagg aggcctgagg agggggccgag gaaaggctgt 60
 tgggggtgtgc tgggggttggg acccgagcgc ctccccctca cctcaaccag agaagagcat 120
 ccggttgctt tttaaagctt ttagcctgcc ctagcaagga caaagcatgt tagattagag 180
 atgcttctgc tgatcgcagg ggttcttatt tgaaaacatc tatgatgggg gaggtgnnnn 240
 nnnnnnnnnn n 251

<210> 352
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 352
 atccagatgg gatacctcta aacacgaaaa gaaagaagat tccattagtg aatttttaag 60
 tttggctaga tcaaaagccg agccacctaa acaacagtcc agccccttag taaacaaaga 120
 ggaagagcat gcaccagaat catccgcaaa tcagacagtc aacaaagatg tggacgcaca 180
 ggctgaagga gaagggagcc gcccatccat ggacttattc agggccatct ttgccagttc 240
 ctcagatgaa aagtcctcat cctccgagga tgagcaagggt gacagtgaag atgatcaggc 300

<210> 353
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 353
 tgtctacact ggccgagtct ctgggtctgt ctacactggc cgagtctccg actgtctgtg 60
 ctttacttta cactcctctt gccaccccc atccctgctt acttagacct cagccggcgc 120
 cggacccggt aggggcagtc tgggcagcag gaaggaaggg cgcagcgtcc cctccttcag 180
 aggaggctct ggggtggggc tgctccccat ccccccaagc ccaccagca ctctcattgc 240
 tgctggtgag ttcagctttt accagcctca gtgtggaggc tccatcccag cacacaggcc 300

<210> 354
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 354
 cccccctctt ctaggatgag ccaactgtaga tcattaaagt tcctccttga gaggctgagc 60
 cgtagccagg attggggaga gcccttgtct ctggtcagcc ctggagcatg ggatcgtggg 120
 aaagaggagg gggaccaggc ccagggcagg ggtcagaggc ccaggccctg acttcggctt 180
 ccagagatc tctccgcctt agttaagagc atgtgtcggg aaattcctca gagtgtcag 240
 agtccctgta tttttatacc tttttacaat gttaactgtt cagaactgtt ttttgtaaca 300

<210> 355
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 355
 cttggaaatg cttctagctc cggacattcg acatgaaaga aatgtgattt tgcagtgtgt 60
 tcggtacatc atcaaaaaag acttttttgg actggatact aattctgcga aaagtaaaga 120

tgtataggca	tctggtgttt	cagcatacat	aactgaagca	tgtgaaacag	tatcatcctc	180
gttagtagag	gaaaacaaaa	accctttttt	ccgtcaaaat	tggatttgta	attaaattgt	240
aagcctcgta	ggatgtatgt	tggaaattta	agtctttcct	ttggttctat	gcaaataaaa	300

<210> 356
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 356						
ccgaagcaga	ggacccggac	gatgaggctg	ggteccactc	agcctcgccc	agccctgctc	60
aagctgggag	tcccctccat	ggagacacat	cacctgcagc	cacccccaca	cagcgcagcc	120
cacggacctc	ctttggctct	ctgacagaca	gcagtgaaga	ggcactggaa	ggaatggtac	180
gggggctgag	gcaggggtggc	gtgtccctcc	taggccagcc	acagcccctg	accaggaac	240
agtggcggag	ctctttcatg	cggcgcaacc	gagaccctca	gctcaatgag	cgagtgcacc	300

<210> 357
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 357						
gacagaccgt	tgagaggacg	tggaggcccc	agagggggta	tgcgcggcag	aggcagaggt	60
ggccctggga	acagagtttt	tgacgttttt	gaccagagag	gaaagcgaga	atttgaaaga	120
tatggtggga	atgacaaaaat	agcagtcaga	actgaagaca	acatgggtgg	atgtggagtt	180
cgaacctggg	gatcggttaa	agataccagt	gatgtggagc	caactgcacc	gatggaggaa	240
cccacagtgg	tggaggagtc	ccagggcacc	ccggaagagg	agtctccagc	caaagttcct	300

<210> 358
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 358						
atcacccctgg	cacgttcccc	tcagctgggc	tctgcagggc	agctaagatt	gggcactgat	60
gttcctggct	tcagtcctac	ccgggttatg	cagctacggc	ttcatacata	caccagttgc	120
actaacttgg	gatgaaaatt	aagttaaaac	cagtagaaaa	tttcatccta	tgttttggtg	180
gtaaaagaag	caaatgaaca	aatgaataga	ggctgccaaa	cagttgtctc	accaactgtt	240
ccgactagct	aacaagatta	gctaggtcat	acctagtctg	aaaagaatac	tataagaact	300

<210> 359
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 359						
ctcgattcag	cattatacta	ggctgcctcc	atgtgttttt	caaagcccca	ttcaagtttt	60
acttctatgg	taaactaatt	ttacatacac	aaatcttttc	attttctgaa	cttcctttat	120
ggctttactg	tcacccact	agtatttgat	gtcttagcta	ttactaatt	cctgatcatt	180
tcacttgtca	catcaggaac	cctatcctct	tagttctccc	attgagattt	cactgctgga	240
ctaagattat	tcttgattcg	tagtcattgg	tttctgtttc	cattcatttt	cagcactgat	300

<210> 360
 <211> 293
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (293)
 <223> n = A,T,C or G

<400> 360
 ggagtttttt ttttcattat aatttttttca ggaaagactt atggaaaaaa atatctctct 60
 cccacctcct tttatcccca tgagacacag ttccccactg taatcagggt aatatgcatt 120
 tgtaagttct gatatgtgat tcatttatgt gatggcaaag ataagtctgt cttgaatgca 180
 ggtactannn nnnngtnnac annttatncn aatntcaanc aacnntaatt nctactacnn 240
 ngtnntctga nnaagangnn ntnntcattt agatntngnn acctnctga tta 293

<210> 361
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 361
 gtgatccgca agttgtggaa gaaatacgcc aagcaaataa agtagccaaa gaagctgcta 60
 acagatggac tgataacata ttcgcaataa aatcttgggc caaaagaaaa tttgggtttg 120
 aagaaaataa aattgataga actttttggaa ttccagaaga ctttgactac atagactaaa 180
 atattccatg gtggtgaagg atgtacaagc ttgtgaatat gtaaatttta aactattatc 240
 taactaagtg tactgaattg tcgtttgcct gtaactgtgt ttatcttttt attaattgta 300

<210> 362
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 362
 ccaggtagct ctcaaacttc ctccctcaatc cactcctcct tttacattca tggaaaggga 60
 gggggaaaga agcccagttc ccaaggtcag ccagttacac cagaagcagt gccaaccaga 120
 atatgagccc cgccctggga cagggcacag agccctcact agcatgctgg agaggggcca 180
 ccccaggtcc tgggtgtccc tataccagc tgcttctctt caagctggtg aagccctgc 240
 cactgccacc acctcctccc ctaccttggg actttgtgtt taatcctgga agtcacaatt 300

<210> 363
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (300)
 <223> n = A,T,C or G

<400> 363
 attacctcca aatctcaagg cggccttgaa cattgagaaa gaactaccaa agccaagaca 60
 cgttttcaga aggaagacag cctcctccag gagcatctta cccgacctct tgtcaccgta 120
 ccaaatggcg atccgagcaa aaagactgga agagagccga gcggcggcgc tccgagagct 180
 ccaggagaag caggctctga tggagcagca gagacgagag aaaagggcac tgcaggagt 240
 gagagagcga gccagagga tggagaagag gannnnngag ctacagcaaac tctgcctcg 300

<210> 364
 <211> 262
 <212> DNA

<213> Homo sapiens

<400> 364

tcaggaac	tagatgtata	tgacacaagg	attgagttta	cactaaaact	aggaaatgga	60
gttttcaatc	tatgttcttg	cctcttcata	cttttattta	ttttttgtca	tcctgcctta	120
tactgggcta	acaatgagat	aaaataaaaa	tacctttgaa	tactcttttc	cctttcatgc	180
atttaaagcc	atggaggaac	tagaccatta	gctgttgccg	tcacatgctt	agacaccagt	240
ttacttagcg	tgttatgacc	tt				262

<210> 365

<211> 300

<212> DNA

<213> Homo sapiens

<400> 365

agttggagaa	cattatgctg	gagagagaat	ataaagaaag	ggagatgttg	gaaacttctc	60
aagctgctgc	tctgtttctg	cccaaccgca	tggtgcctgg	acctgactac	aattcctaca	120
aaagtgccta	cagccccagc	ccagtgggaac	caccaagcaa	ggacttctgt	aattttttgc	180
ccacctgcct	tgatttaacc	atgcagtatt	caggggtctgg	gaatatggaa	ctaatttctt	240
ctaattgtcag	cgtggccaca	acttatatac	agtatccctt	gtcctcaaga	tttttagttt	300

<210> 366

<211> 300

<212> DNA

<213> Homo sapiens

<400> 366

gatgctgttg	tgacatctcg	gagtgaggat	gatgagacaa	aagaaaaaca	agttcgagac	60
aagaggagaa	aaacccttgt	tataattgag	aaaacctaca	gcttactcct	tgatgtggag	120
gactatgaaa	gacgttatct	cctaagtctg	gaagaagagc	gacctgccct	aatggatgac	180
agaaagcaca	aaattttag	catgtatgac	aacttaaggg	ggaaattgcc	tggacaagag	240
aggcctagt	atgaccactt	tgtacagatc	atgtgtatcc	gaaaagggaa	gagaatgggt	300

<210> 367

<211> 300

<212> DNA

<213> Homo sapiens

<400> 367

cagtcctccc	cacactcaga	gatctgtggg	gaagctccgc	ccagccacac	tccttgggat	60
aatactagcc	ggttctgcct	gattcctttt	ccccggagcc	agcctagggg	gcccgggact	120
cctctagtga	gccttgactg	ttaggtaaga	gacaggaagc	agacaagcca	agaggttgct	180
gcagctgccc	ccaggaggaa	acgggcagca	gggagtgtgg	cccagcccc	actgtacccc	240
tccagggggc	cgagcccttg	ccagcccaat	gacaccttga	agtcaccact	tttcctttct	300

<210> 368

<211> 300

<212> DNA

<213> Homo sapiens

<400> 368

atthttgctgg	acactcagac	acaatttaga	gtattttatat	ataacttgaa	aacagtaaca	60
tttccaaaaa	ccgatgaacc	ccaccctgtc	ccaaggaatg	attggtatgt	atgtgaagtt	120
cattttctga	caaaaataat	tacgttccac	ttaggatgca	caaccatgct	gtcctgtaga	180
gaagtcacaa	gttttgtgag	aattttttaa	ctgatgatgt	ttatttccat	ggtaacatga	240
gtatacattt	taccttctat	tgtagtgtatg	aatcacaaatt	agtcctttttt	tataggttgg	300

<210> 369
 <211> 294
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (294)
 <223> n = A,T,C or G

<400> 369
 atgggaccaa atttaagcaa tttttgtttt tggctgaaga gacaccaaaa tattagagga 60
 caaatatttt tagatccatt taaggagttt tgaagtgcct aagatgacct atttgtcagt 120
 ggtgcaaaat taattctctt cttttttgag ttgtagtga tatgcaattt ctgtgttccc 180
 cttccacctt ttaaacttta ggatgacaag ttataaagaa agaagatctt tgtctgggac 240
 ccccaaaggg atcctttctc taangnctct gacagagggt ccaggaccag acct 294

<210> 370
 <211> 241
 <212> DNA
 <213> Homo sapiens

<400> 370
 cacactccag gctgagaaaag agtaattagg aggcctgagg agggggcccg ggaaaggctg 60
 ttgggggtggg ctgggggttg taccgagcg ccttccccct acctcaacca gagaagagca 120
 tccggttgct ttttaaagct tttagcctgc cctagcaagg acaaagcatg ttagattaga 180
 gatgcttctg ctgatcgag gggttcttat ttgaaaacat ctatgatggg ggaggtgtgt 240
 g 241

<210> 371
 <211> 297
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (297)
 <223> n = A,T,C or G

<400> 371
 ccaagtgcga gggagcttgt ggcccttttg tgtttattgc agcagcttta gttctgcagt 60
 ggaggtgggc tggagcaggg gacgaggtct tgggagctct tgaggccact ctggccgagg 120
 gtgtgggtt gcttcctcag ctgaagggat acatggaaac ccacctttgc atagtctcagt 180
 aggggttacg gtgtggttca tggaagccat ttctgtgggt tgnnnnnnnn nnnnnnnnn 240
 nnnnnnnnnn nntnntnntn nencagaatn atgagntcaa nanannagcn tgatatg 297

<210> 372
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 372
 gtttttttgt gaacactgat tttattggtg tcttagatcc ctagtctacc caaataattt 60
 taacagtact gttttttcta atcctgaagt ctgatattta tgactcatta gcaggaatca 120
 aaactagtga tcagtagaac actttcaaaa taaaaatttg gaatgcagac ttttatgaaa 180
 atttaaaagt gtccttaac agaatatcat gggttttcct ataaaacttc ttttaagtatt 240

gtaattccag tctgccccaa cttaaaaaaa aattcttatt aatatgtcag tcattaattg 300

<210> 373
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 373
 gtcaagttca agtcacacag gtttgctgac tgcgccatat tgttgctgac acaactggag 60
 actggactta ggaatgtttt tgccacactt aacagatgtc caaaaagact cctgactgct 120
 gagtcaacag ctcttttatac cacctttgat taaatattgg caaaacactt gaatgatggg 180
 aaaatcaatc agcttcctct tttccttgga gagcctgcta tgggaatttct ctgggatttc 240
 ctgaaccatc aggagggtcc ccgcataaga gatcatttaa gccacgggga gatcaactta 300

<210> 374
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 374
 gaggccctggg tgcggaaact gaagtggcca gaactgccta aattcagtca gctgaagtgg 60
 aaggccctgt acagtgacct taaatctttg gaaacatctg cttttgtcaa gtccctacaag 120
 aaccttgctt tctactggat tctgaaagct ggtcatatgg ttcttctga ccaaggggac 180
 atggctctga agatgatgag actggtttgg ccttggggca cagagctgag ctgaggccgc 240
 tgaagctgta ggaagcgcca ttcttcctg tatctaactg gggctgtgat caagaagggt 300

<210> 375
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 375
 ggaggcaggg atcaacgtga cgggtgtataa tggacagctg gatctcatcg tagataccat 60
 gggtcaggag gcctgggtgc ggaaactgaa gtggccagaa ctgcctaaat tcagtcagct 120
 gaagtgggaag gccctgtaca gtgaccctaa atctttggaa acatctgctt ttgtcaagtc 180
 ctacaagaac cttgctttct actggattct gaaagctggg catatggttc cttctgacca 240
 aggggacatg gctctgaaga tgatgagact ggtgactcag caagaatagc atggatgggg 300

<210> 376
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 376
 ggaggcaggg atcaacgtga cgggtgtataa tggacagctg gatctcatcg tagataccat 60
 gggtcaggag gcctgggtgc ggaaactgaa gtggccagaa ctgcctaaat tcagtcagct 120
 gaagtgggaag gccctgtaca gtgaccctaa atctttggaa acatctgctt ttgtcaagtc 180
 ctacaagaac cttgctttct actggattct gaaagctggg catatggttc cttctgacca 240
 aggggacatg gctctgaaga tgatgagact ggtgactcag caagaatagg atggatgggg 300

<210> 377
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 377

gatagcttaa	agcaagttta	caagtaatta	aaatggacag	tttgccatta	aagattttta	60
atagtggttt	tgcagtgtac	tggtctgaat	tttctggact	tgagttaact	gaaggagagc	120
ctcaaaactat	agtaacttca	tttttaaaag	ttactagaat	ttggtatcct	gatttatatt	180
gcagtgtttc	aaagggtgtca	ctgtcagaca	aatagaaaca	ctgccaaactt	ggtgtaactt	240
aagctttcat	ttaactaaaa	cattcttttc	ttgcaaaact	tattttttcat	gatcattttt	300

<210> 378

<211> 300

<212> DNA

<213> Homo sapiens

<400> 378

ataacacaca	tcacagtatg	ctctcagaaa	tttctttatt	tgaaccctat	accaatatct	60
gttgatcaat	gaccattttt	gctcagcatg	gagaaacagt	gccctgcatg	aagggtagtg	120
agaataaaaa	ggatcttacc	acctttatca	tgagggtggc	tttgctctct	ccattccaag	180
ttgttctctg	ttctagaaag	cagatgtagt	agacatctac	tgttttttgcc	taaacagaat	240
ccctttttcc	tttttttggt	aaaagtactc	atccctaata	ttacattggt	ctggaaggac	300

<210> 379

<211> 300

<212> DNA

<213> Homo sapiens

<400> 379

ttagtgtact	ggatgtcagg	tccctcaaag	attccttgga	ccattttcat	gtgaatgaag	60
aataaatcaa	ttgtctttca	ttgaatcaca	cggacaacct	gctggcttct	gctgacgact	120
ctgggggcaat	caaaatccta	gacttggaag	acaagaaagt	tatcagatcc	ttgaagagac	180
attccaatat	ctgctcctca	gtggcttttc	ggcctcagag	gcctcagagc	ctggtgtcat	240
gtggactgga	tatgcacgtg	atgctgtgga	gtcttcacaaa	agcccgaacca	ctctggatta	300

<210> 380

<211> 300

<212> DNA

<213> Homo sapiens

<400> 380

ttagtgtact	ggatgtcagg	tccctcaaag	attccttgga	ccattttcat	gtgaatgaag	60
aagaaatcaa	ttgtctttca	ttgaatcaaa	cggaaaacct	gctggcttct	gctgacgact	120
ctgggggcaat	caaaatccta	gacttggaag	acaagaaagt	tatcagatcc	ttgaagagac	180
attccaatat	ctgctcctca	gtggcttttc	ggcctcagag	gcctcagagc	ctggtgtcat	240
gtggactgga	tatgcagggtg	atgctgtgga	gtcttcacaaa	agcccgaacca	ctctggatta	300

<210> 381

<211> 296

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (296)

<223> n = A,T,C or G

<400> 381

gaactgctgg	ccgagcccg	tgggagtcta	gaaagagaaa	atctgtttct	agacctcagt	60
tattttccca	tttttggttg	ttttgaagca	gtaacatttt	tctcagtgc	catgcaattt	120
gggtttttaga	gaagatggcc	accagctggc	ttcctagata	ttttaaactt	ttgttcttta	180

atatgctgtc	catggctgag	tttattagta	catgggctta	gcgaccacac	aaatattcta	240
ttacgaaact	gttncagaaa	taaattngca	ctgtncattc	ntctggcctc	gctgggt	296

<210> 382
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 382						
gccaaacttca	attccctttt	agtcactctac	ttcctactaa	cagctgtaac	taggatgagt	60
caaaatcaat	tgcctatgct	caccagatcc	ctgataaatt	cccatgaagc	cacctgaaag	120
gtggtaaaa	caaggtaaaa	cgtggtgaaa	gcaaggtaaa	gaaggtagat	ttcacaattt	180
tgttttttaa	aaaggggaat	cttccctgaa	ttctttgagg	tactaagtac	gtggtttaaat	240
gcatattttc	attcttggtta	gcagttttaa	aataatgttt	cagagactgt	attcacgatt	300

<210> 383
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 383						
gataggccac	attccagtaa	gaactcaatt	tgactcccaa	atttgcagaa	acaaaacgtg	60
atttaaaagc	tgagcttttt	atcagaaagc	ttttttgatg	ttttaagtgt	tatgtgactt	120
gttgaacttt	ttaaaaagtg	ctacttttaa	aatcccagat	actctgaatt	ttagaaaaca	180
aactaattct	gattgtgtcg	tgcccaagta	cccttttttt	ttaatgaata	gggaccaatg	240
ccacattgct	ttttatattc	ctttctttat	taatgatgcc	aaaaccaaaa	gtagctgtgt	300

<210> 384
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 384						
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taggttcctg	ctttgtcttg	atctcaatcc	attctaactc	ctgatgtcat	ttaccgtgtg	120
agatcttagt	acaatcatga	aaagaatatg	agcatttatc	aaaactctct	gacatctgta	180
tgtttagaaa	tgaacttaca	cagcaaaaata	tgatttcctt	gcacttattt	aatttttcta	240
acttcaattt	ctacctatgt	gtctctgcca	gtttgacctg	attcagacac	ccagaacttg	300

<210> 385
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 385						
cctttccaag	cccactgctc	agccttagag	gaaagtgtgg	atttgaaatt	tcctcatgga	60
attgatggag	gttttttaggt	agattcatag	aatataacgt	atctaccaaa	gattccgttt	120
tcaagggatc	tagaagatgt	tagtgcacac	gcaaaaacca	gacaaacgtc	tctacacgga	180
taaaggcaca	tatacaatta	tgcacacagg	gaagggcata	cactctattg	tgggcacaga	240
atgacatgca	attatggaca	cacaaaaaca	catgcaccca	attatggaca	ccaaaatata	300

<210> 386
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 386

tgctcttggg	tgcttcctga	ggtgtggttg	cacaggggtg	ttattcctga	atgcaagggc	60
ttactatgat	ttctcttag	tgccctctcat	ttctgatgct	ttctgtccta	tgagggtcagt	120
ctacttacta	gttagtattc	tatattaata	agtatgccaa	atgacttaac	tcctccagaa	180
atgttattcg	ttaaaagatg	agatgtgctg	agacaagagg	atcgcttgag	tcgggaaggt	240
tgaggctgtt	gtgtgctata	attgggcctg	tgaatagcca	ctctgttcca	gcctgggcaa	300

<210> 387

<211> 300

<212> DNA

<213> Homo sapiens

<400> 387

gccagtccct	ggacagctac	gacgccatga	atatcttgcc	caagaagagc	tggcacgtcc	60
ggaacaagga	caatgtcgcc	cgcggtcgcc	gtgacgaggc	ccaggcccg	gaggaggaga	120
aggagcgtga	gcggaggggtg	ctgctggctc	agcaagaggc	ccgtacagaa	ttcctacgga	180
agaaagccag	acatcagaac	tcactgcctg	agcttgaagc	agcagaggcg	ggagccccag	240
gttctggccc	tgtggacctg	tttcggggagc	tgctggagga	agggaaagga	gtgatcagag	300

<210> 388

<211> 300

<212> DNA

<213> Homo sapiens

<400> 388

gagacagcag	ccccagggga	atgaagctga	tgccagagtc	agacccgagg	aggaagagga	60
gccactgatg	gagatgcggc	tcgggatgc	gcctcagcac	ttctatgcag	cactgctgca	120
gctgggcctc	aagtacctct	ttatccttgg	tattcagatt	ctggcctgtg	ccttggcagc	180
ctccatcctt	cgcaggcatc	tcattggtctg	gaaagtgttt	gcccctaagt	tcataattga	240
ggctgtgggc	ttcattgtga	gcagcgtggg	acttctcctg	ggcatagctt	tggtgatgag	300

<210> 389

<211> 300

<212> DNA

<213> Homo sapiens

<400> 389

ctaggatgtc	tggcacctta	cgaaggcta	ggaataggaa	ctaaaatgtt	aatcatgtc	60
ttaaaccatct	gtgaaaaaga	tggtactttt	gacaacattt	atctgcatgt	ccagatcagc	120
aatgagtcgg	caattgactt	ctacaggaag	tttggctttg	agattattga	gacaaagaag	180
aactactata	agaggataga	gcccgcagat	gctcatgtgc	tgcaaaaaa	cctcaaagtt	240
ccttctggtt	agaatgcaga	tgtgcaaaag	acagacaact	gaacaaatta	caaatgaact	300

<210> 390

<211> 300

<212> DNA

<213> Homo sapiens

<400> 390

cctctctgtc	ataatgtacc	caaaatagag	taagaatatc	atgcttttca	gtaatactcc	60
agtgaatgag	gctaagagta	ccatttttgt	tcttataaaa	gaattttttt	ggacatgaat	120
acaaagatgt	caggttacca	aatcatttgc	tagtagatcc	taacaatatc	acctatagga	180
aactgaacgt	agcctttaaa	cattaagtga	tgataatgga	tttggccggg	cgcggttgcc	240
tataatccca	acactgagag	gctgaggtgg	gtggatcact	tgaggccagg	acaggaccag	300

<210> 391

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 391
 attccaaagg tttcaaagaa cttgggtcata aatatgataa tgagaagaca aagtatttat 60
 attaaaacag tttagtagcc ttcagttttg tgaaaatagt tttcagcaca gaaactgact 120
 tctttagaca aagttttaac caatgatggg gtttgcttct aggatataca ctttaaaaga 180
 actcactgtc ccagtgggtg tcattgatgg cctttagtaa attggagctg cttaatcata 240
 ttgatatcta atttctttta accacaatga attgtcctta attaccaaca gtgaagcact 300

<210> 392
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 392
 gttggccgga gatgtctttt tatttttgtg ctgtaaaatt ctcttacagc aaaaataggc 60
 tttagaaagg tcttctactg tcttcagcaa ccattctcatc ttccagcttc acctgattgt 120
 ccagttatca tacatttgac tttcaaagt atgaaccagc atgtacccca tggatttaat 180
 cttatctacc ccgtggattc aatcttctta tcagaagggt cttttatgtc aaaaaacctg 240
 ctgtcaaggc ttgaagagcc tacacactca atggcaaaca cagcaccgag tctgctctga 300

<210> 393
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 393
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 tgtcggccct gctgcgagcc cacacgcccc tccacatggc tgccctcctc ctgcttccct 120
 ggctcatgtt gctcacaggc agagtgtctc tggcacagtt tgccctggcc ttcgtgacgg 180
 acacgtgctg ggcggtgctg ctgctgtgctg gggctgggct gctcttccat gggatgctgc 240
 tgctgcgggg ccagaccaca tgggagtggg ctcggggcca gcactcctat gacctggggtc 300

<210> 394
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 394
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 gctcatcctg ctggcggtcc tctgtcttct gctgtgtggg gtcacagctg gttgtgtccg 120
 gttctgctgc ctccggaagc aggcacaggc ccagccacat ctgccaccag cacggcagcc 180
 ctgcgacgtg gcagtcattc ctatggacag tgacagccct gtacacagca ctgtgacctc 240
 ctacagctcc gtgcagtacc cactgggcat gcggttgccc ctgcccttg gggagctgga 300

<210> 395
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 395
 gtggttgtag atcccacttg cccccacacg gagactgact ctaaaaccct tcatccaatg 60
 gtgctaacc cgggtctcc cctgccccac ctcaccacc cagagaagca cagaccccg 120
 caggggcagg ggcccaccgc acacccttgt cccgggctg tctgggactg gccttcccg 180

ctcagccagt gaggctcaga agggacacaa agagggatgg aagaaaagaa caaagagaaa . 240
ctgttccctcc caccctctc cctgatgcca ggggcaccag actgattctg aggcacaaat 300

<210> 396

<211> 300

<212> DNA

<213> Homo sapiens

<400> 396

ccatcgattc ggtgtcacta tcctcataga tagagccaaa acattttctat cacaccggca 60
atttcctatg tgtcccatcc caatcaatcc ttcccccctt gctggctcca aacaatgact 120
ctttccctatc ttattagaaa gattagaatt gctttttctag agttccagta atggaatcat 180
acagtgtcta agtctgtttg tgggtgctgta acaaaaatacc tgagactggg taatttataa 240
attataggaa attattttctc acagtctctgg atgctgaaaa gtctatgatc aaggcactag 300

<210> 397

<211> 300

<212> DNA

<213> Homo sapiens

<400> 397

agactactga actctacgct taaaaattat taagatggca aatttcatct tgtttttttt 60
taacttaaaa aaactacata taagatagtt ttgcctgttt tcagggtttct ttccagtgtt 120
ttaggtattc agtattttaa tcacaaaatt tgtgatttga acattttttt ctcccttcat 180
gagattttta gtggattgat acttgctttc cattctgtcc cgatgtctga cctttgtaat 240
gtaaaagaaga acattttgtt taattgagag aagtctgctg tgttcttgtt gatagaggac 300

<210> 398

<211> 300

<212> DNA

<213> Homo sapiens

<400> 398

aaagtagtaa gacttggtat gggttgagtg taggaatgaa tattcatgaa atgtttctta 60
ttgtttttcc ttccctaatt catacaatga atgtatttgg aatacttaca tattataaaa 120
taaactatac ctcttcaaga ggtatcctgt tctgtaagat cagatgtttt tattgcaggt 180
caatataata ctgccagaga cagaaaatcc ccccttatca gtcccttagt gcctctttcc 240
tgtttgtggc atgggtgagaa aaccatgct gaaaagattg tactttgtga tccccctcag 300

<210> 399

<211> 300

<212> DNA

<213> Homo sapiens

<400> 399

ggaaagagaa gaatgagctt gtccgtcagc tggtagcttt cattcgtaaa agagataaaa 60
gagtgcaggc gcatcgaaaa cttgtggaag aacagaatgc agagaaggcg aggaaagccg 120
aagagatgag gcggcagcag aagctaaagc aggccaaact ggtggagcag tacagagaac 180
agagctggat gactatggcc aatttggaga aagagctcca ggagatggag gcacggtagc 240
agaaggagtt tggagatgga tcggatgaaa atgaaatgga agaacatgaa ctcaaagatg 300

<210> 400

<211> 300

<212> DNA

<213> Homo sapiens

<400> 400

gctatgttgt	cgttacaaca	tcaaagtgat	tttacggttt	ttgatgggat	tattcaagtg	60
tcagaattaa	ctgttcaaaa	tgttctgaat	catgtagata	catggcaggt	aactgtttat	120
gggagaaaag	tacagtgtctg	ttacgtggca	ctgtacagtc	atgtgccacg	taacagcgtc	180
tggtgcagtg	acggacactt	acctgacagc	ggatccacaa	tattctctgtg	cagtgtgttt	240
ggaatcctcg	tctgggctct	cgctgttggc	ctttagatgc	aagtagggga	agtgagtgat	300

<210> 401

<211> 300

<212> DNA

<213> Homo sapiens

<400> 401

tttgtgtgag	atttgatcat	agtctaaaac	tatcacgtct	gagttgcctt	aggatgacag	60
tgctgacacc	cagtaggaag	tatcccattt	ttatcaggaa	agtcagtcac	gcgtagggat	120
ggtgaggaga	cgcgtaggga	tggtgaggag	gggagaggag	ggagacctgc	tggtgccctt	180
gcaccagggg	gaggcctgac	tcacgctgct	tccccccaca	ggccctgctt	tgcttgccctg	240
ctttttccag	aatcgatttt	gcaagcttca	agattctgtt	cccctcttcg	cagaagtgag	300

<210> 402

<211> 300

<212> DNA

<213> Homo sapiens

<400> 402

ccccatcctt	cactgggttat	tccacttatt	taaaatgtcc	agaataagca	aatctccata	60
tagaggaagt	agattagtgg	ttgcttcggg	atgggaggaa	tgggaagatt	gaggtctttc	120
ttttgcagtg	ataaaaaatgt	cctaaaattg	actgtagcga	tggtcacaca	actctgaata	180
tgcttaagac	cattgaatta	cacactttac	gttggtgaat	tgtatgggat	gtaaattata	240
gttcaataac	atagttacaa	aagataatca	aaagcatgaa	agcactgttg	atgtggtttg	300

<210> 403

<211> 300

<212> DNA

<213> Homo sapiens

<400> 403

aggcgctcctt	gcggaagggt	catttttagct	gaggcttttg	agtacgaata	ggagctcagc	60
aggcagacga	atgaggaata	aaggtcagag	aaggtcagag	ctgagtgcag	tttggaatcc	120
accccggttta	ttgtagaact	gggggttcag	agggcagggtg	cctcagagtt	gaggccacac	180
agtgaggtct	ggtgggtgaa	aggacccagg	aacgaggcgt	tcaggaaagc	aggttgtcag	240
agctatgtgg	agtctgtggg	tggcaggggc	agccgctcca	gcctttgaag	actttgaaag	300

<210> 404

<211> 300

<212> DNA

<213> Homo sapiens

<400> 404

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cttgtattat	gcttctgata	cgctataatt	atztatgtac	atgttttttt	tcttcaatag	120
actgtgaact	cttcgaatgt	aggactccta	gagctagata	ctcaattatt	ttttattaaa	180
ttgaatgact	tgaaactaca	gatcctttat	ttaaacttcc	caaatttctg	ctttatctag	240
gcaactcttt	aaattctttt	atctcatgta	gatttcaaag	gctgaaataa	ttgagatttt	300

<210> 405

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 405
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 tttgtagcat cagaattttg aaaccattac ttatatcaaa ttgcacatct tggagatgat 120
 gatgaagaac ctgagttttc atcagccatg cctctggaag aaggagacac attctttttt 180
 cagccaagac cacttaaaaa ccttgctgctg gttgatgagt tggacagcct ctctcccatt 240
 ctgttttgcc agatagctga tctggccaat gaagatactc cacagttgta tgtggcctgt 300

<210> 406
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 406
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 gtgactgtct ggcaaggta aaggcatcag ggaaggtaaa atactgaaac tatattttta 120
 aaaataaaaag tattcccttt tgagtgtgaa ttaggaatca atgccccttc tcaactacttt 180
 tgtgaaaaaa atcacagttc ctgcagcaag tctatgcctg ggtaacaacc aaccacaaaa 240
 atccaagagg aggtccccct ctcccgcctc tgtgaggctt gaggagcagt atgtatctgg 300

<210> 407
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 407
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 agtcttccag ttctggagtt ttgtggaaac cttggacagc cccaccatgg aggcctacgt 120
 gactgagacc gctgaggagg tgctactggt gcggaatctg aactcggatg atcaggctgt 180
 tgtgtgaag gccctgagat tggcgccga ggggcgtctg cgaaggagc ggctgcgggc 240
 cctcagctcc ctgctcgtcc atggcaacaa caaggatcatg gctgctgtca gcaccagct 300

<210> 408
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 408
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 taaggttgca gaagtagaag cacaagattt gacagctcat tagatattaa agaagaccaa 120
 tgaatcagga gatggtaatg ccaagattta gaccgcgtgg aacgatgatg agttgggtgt 180
 ggtgagagta agtagtgagc ataatgatat gttgaaatca gtaggaagat tgtgtttgag 240
 gaaaatataa ggtatccgtc cattcattct ttatttattc ctgttaatct ttaaaaagct 300

<210> 409
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 409
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 tctaccttct caaaccctcc agccggcaca tcacacaccg gacaccagga cccaagccca 120
 gcagacacag gatctgctaa cgcagctggc agctgaggtg gctatcgatg aaagctggaa 180

aggaggaggc ccagtgaccc tccaggacta tcgcctccca gacagtgatg acgacgagga 240
 tgaggagaca gccatccaaa gagtctctgca gcagctcact gaagaagctg ccctggatga 300

<210> 410
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 410
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 accaaaatcc aagctaggat ggggacagag gcctggagac aacctgctgg cctccttcca 120
 ttaaagccat tacagtgtca ccacaggatt gtaagaatta caaatgctgt ttccagagtc 180
 cccagagaaa aaggagtctg gcagttagaa gagtaaagtg catctgtcaa caaaagaaat 240
 accaaagatg agactacagc agcgacttgt cacctcttcc gtgttgctac tgctgagaa 300

<210> 411
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 411
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 tgttggtagt tcttgctttt cttcttgga aattcctcgtg gacctcgaga tctttaccct 120
 aaaatagttc tgttgaattt caccctggca atgtaaatg atagcttatt ttcacagatg 180
 ccagacaatg gacaactcac catcagtcct ctgtcacct gagacaaatg catgtctgat 240
 tgcttctctt gccctattgt ttatgtgaaa atgcagattc actgagccag actaaggcat 300

<210> 412
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 412
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 tctctgatgg ggagcagtat tgcattggtg ttgagaactg aggcctctgat gttagaactg 120
 gattctgact taaccactg tttgccaca tcttgagcct tgggtttccct atctgtaaaa 180
 tggcagtatt ctcggtctgg ctgaggaaag gaaatgaggc caggcgcggt ggctcaggcc 240
 tgtaatccca gcactttggc aggcctgaggc atgtggatga tttgaggcca cgagtttgag 300

<210> 413
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 413
 cccaaatgga cactttgctt gcagggtgatg ctgccgaatg aatacccagg tacagctcca 60
 cctatctacc agttgaatgc tccttggtt aaagggcaag aacgtgcgga tttatcaa 120
 agccttgagg aaatatatat tcagaatatc ggtgaaagta ttctttacct gtgggtggag 180
 aaaataagag atgttcttat acaaaaatct cagatgacag aaccaggccc agatgtaaag 240
 aagaaaactg aagaggaaga tgttgaatgt gaagatgatc tcatttttagc atgtcagccg 300

<210> 414
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 414
 accagttntn gttaatttan ccnaccgaggg ttaacccatc ctaacaggga aggtaactgt 60
 acgtccatca gtccactaga gggcatcaca acttggttaa tgagataatc aaacatatga 120
 tgtaatttta aagggtttac attttttaaaa atttaatagg gtatcagtta actaatttta 180
 cttagatgga acttctgtaa gcttagtagg tatgcttaaa taaagcctgc taataaaata 240
 gagattcaga ctcaatagaa tggttttaca tatgtaatat atgtttttaa cagcataaaa 300

<210> 415
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 415
 cagagatgat agcacttcat tgactgccaa agaggatgtc agcataccca gatccacatt 60
 aggagacttg gacacagttg cagggctgga aaaagaactg agtaatgcca aagaggaact 120
 tgaactcatg gctaaaaaag aaagagaaag tcagatggaa ctttctgctc tacagtccat 180
 gatagctgtg caggaagaag agctgcaggt gcatgctgct gatatggagt ctctgaccag 240
 gaacatacag attaagaag atctcataaa ggacctgcaa atgcaactgg ttgatcctga 300

<210> 416
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 416
 ctcacctgga ataatgagat cttacctaac tgggaaacaa tgtggtgctc tagaaaagtt 60
 cgagatttat ggtggcaggg aatccctcca agtgtgagag gcaaagtctg gagcttagcc 120
 attggcaacg agttaaatat caccacagag ctctttgaca tctgtcttgc ccgagccaag 180
 gagaggtggc ggtcccttag cacaggaggc tctgaagtgg agaacgaaga tgctgggttt 240
 tcagcagcag acagagaagc cagtctggag cttattaaac tggacatttc tagaacattt 300

<210> 417
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 417
 tcccaggaac acccaggaag ccatatttta gtgctaaccg ggacaaaagc catagtgttt 60
 ttcccagtgt tgactactct gcttgacctc tctcttctgt ctttaatactt actgtgttaa 120
 agagctttgg ttgagtatag attctcctag gcttaccgta gagttacatc ctgataagcc 180
 cattataagt tgaaaatgtt tttagccgtg gtggctcatg cctgtgttcc cagaactttg 240
 ggaaggtgag gtgggcgatc acttgaggcc aggagttcga gaccagcctg ggcgacagag 300

<210> 418
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 418
 ccaaaccctt ggtttcctgt cccttagtgg tgtggccgtg ggcaaacgcc ttaacttccg 60
 tgagctttga cagtctgtct gggaggcagg gctcaggcat ccctggacct ttgggggttg 120

gtgagagggga	gacagaggtt	tgtgaagegc	tttgcacacc	tgggcatctg	gtcagtgttc	180
agtaaatagcc	agctgggctc	agtgggtgcac	tcctgtaate	ccagcacttt	aggaggctga	240
gtggggagga	tcacttgaag	ccacgagttc	agggctcagc	ctgggcaaca	gagaaagaca	300

<210> 419

<211> 300

<212> DNA

<213> Homo sapiens

<400> 419

gagacgtgca	gctgtccaag	gctctgtcct	atgccctgcg	ccatggggcc	ttgaagctgg	60
ggcttcccat	gggagctgat	ggcttcgtgc	ccctgggcac	cctcctgcag	ttgccccagt	120
tccgcggctt	ctctgctgaa	gatgtgcagc	gcgtgggtgga	caccaatagg	aagcagcggg	180
tcgccttgca	gctgggggat	cccagcactg	gccttctcat	ccggggccaa	cagggccatt	240
ccctgcaggt	acctaagttg	gagctgatgc	ccctggagac	accgcaggcc	ctgcccccca	300

<210> 420

<211> 300

<212> DNA

<213> Homo sapiens

<400> 420

ggaagcagca	gggtccaggg	gtagaagggc	tcccagaccc	cgagaacagg	accgagacgt	60
gcagctgtcc	aaggctctgt	cctatgccct	gcgccatggg	gccttgaagc	tggggcttcc	120
catgggagct	gatggcttcg	tgcccctggg	caccctcctg	cagttgcccc	agttccgcgg	180
cttctctgct	gaagatgtgc	agcgcgtggt	ggacaccaat	aggaagcagc	ggttcgcctc	240
gcagctgggg	gatcccagca	ctggccttct	catccggggc	aaccagggcc	attccctgca	300

<210> 421

<211> 295

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (295)

<223> n = A,T,C or G

<400> 421

accaagagaa	cgcggtcaga	aggaggtgga	actggggagt	cctctcaggg	agggacangc	60
aaaagactca	aagtagatgg	acagaaaaac	tgctgtgagg	aggggaaaga	ggagcagcag	120
ggatgtgcag	gggacggtgg	ggaagacagg	gtagaagaga	tggttatgga	ggttggagag	180
atggtgcagg	actgggccat	gcanagccct	gggcagccag	gggacctgcc	cctgaccact	240
ggaaagcatg	gnncccttgg	anaagagggg	ctagtncatc	actgcagccc	tggct	295

<210> 422

<211> 300

<212> DNA

<213> Homo sapiens

<400> 422

gtgggaactt	cccctactcc	ctggatgtgt	gtacctagca	cacttccttc	tcccaccctc	60
ttttccagtt	ggatttggtt	ttctgttctc	ttctgtcctg	tcttatactg	caactgtgtc	120
tcttagggga	cagatggcct	tctttgtcat	cttcaactctc	cacccccaga	gaggagtcag	180
agccataact	caatcactca	gcccccccaa	agatagttga	tgtgtgataa	tctcataatg	240
ttgagaaccc	tgatgagata	cattgtcttc	ctctccctac	aatgcctctg	gggccaaggc	300

<210> 423
 <211> 267
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (267)
 <223> n = A,T,C or G

<400> 423
 cttatcctgg tggatgtgct attttcttna aggagtatga agcccttttc tanctatcnt 60
 cccagtggag cggagttctc agtgnncagt tactccatag tgcaatccat attaataggc 120
 ttcttctctt aagtcttcat ctcttctttt gcttaattac tgaaccgtaa attcccttca 180
 gagaaattta aatgctggta tttggacttt atacatgata cttttttagtag tttctttttaa 240
 tttttgaaag atgaactgct tcctttt 267

<210> 424
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 424
 cctggtttcc tgtcccttag tgggtgtggcc gtggggcaaac gccttaactt cegtgagctt 60
 tgacagtctg tctgggaggc agggctcagg catccctggc ctcttggggg tgggtgagag 120
 ggagacagag gtttgtgaag cgctttgcac acctgggcat ctggtcagtg ttcagtaaata 180
 gccagctggg ctacgtgggt cactcctgta atcccagcac tttaggaggc tgagtgggga 240
 ggatcacttg aagccacgag ttcagggtct agcctgggca acagagaaaag acacttgctt 300

<210> 425
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 425
 gggaattgct cttctctccg aggcctctgtt tcttgtagct atcaggaagt ggcagctctt 60
 tgaataagtg ctttttcctc tcccatctgc cacttttgct ttcctctctg acatatactg 120
 ggggttcagg agcttccagc tgtgcagttg gccacaggac taggggagcc ccttccctt 180
 ccagaccagt gtccacatac ccttccctgt gccacacac cttccctctg gccgcactg 240
 tcaccaccca caagcctact ccagcaggag caccacagcc ttctgcggtc acgtgtgca 300

<210> 426
 <211> 277
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (277)
 <223> n = A,T,C or G

<400> 426
 atttcaggac cagtgaagaa tagtcaattt aggatctaata tatttgcttt gtaggtttat 60
 gtattgcca tttgggtag atttaggaaa atattttcta aatccaagag ttcaaaacca 120
 ggctggacaa catagcaaga ccatatctct accaaaaaaa aaaaaaaaaa nnnnnnnnnn 180
 nnnnnnnnnn tngcccngn ancccnant tnntggngng gntgngngng gngngcnntt 240

ggncennngg gggtnagggg tgcaggggcc ctnggcc

277

<210> 427
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 427
 ctgatctaag gagcttttatg atggagttga agatgctttt ggaagttgcc ttaaagaata 60
 gacaagagct gtatgcacta cctcctcctc cccagttcta ctcaagcctt attgaagaga 120
 taggaactct tgggtgggat aatttttaaaa tatttttctt gctggcagcc accagaaact 180
 ggaagaggca aggaatagat tctctcctag agcctccaga gggagcacat ctttgcgtgac 240
 accttgattt ttgccagtg aacagatgtg gaacccctgg cctccagaac tagagagaat 300

<210> 428
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 428
 tttctataca atttttcctt ctgatccaga gacacggaaa aacaaagggc aagatggaaa 60
 taagggatga gaaggtctat gtggaaaaac agttacaact ggagtggtaa ctgcaaaaac 120
 caagcagctt catgtgatcg ttaggacaga agaaatttct ctttgtagc ctagagcaat 180
 attctcaaaa tttaatgcgc atgttaatca tttggggatc ttttattcat tttttcatgt 240
 ggggatcttt taaaaatgca aattctgatt tggtaagtc ggagtaggtc ctgagcttct 300

<210> 429
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 429
 gaatcatcga aggttgagac cgtgtctagt tacatagtta taaatacceca tctatgtact 60
 gatgccttct aaatgtctat ctccagtatg gtcttttcct ttaagctcta gatccattga 120
 caccctcacc atctctaaaa ggcatctcaa actgaacaca tctgatacag aacttttcat 180
 ttccttccca actttgcccc cgccagcctg ctctccttc acgctttcca cttagtatat 240
 gatcccacta ttcactcagt ctctgaagct taaaacctag gattcatcct tgactactgt 300

<210> 430
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 430
 caatcagtga taagctatat tttgagtttt aaaattgttt ttacaattac ccctgttttg 60
 agtatatatc ttgtcaaatac attctaataa atatttgctg ataactgtgt ggaatacata 120
 aatggtaggt agaaatttgg aagaatcact acatattttc agttatcatt ctctgtgtaa 180
 attcatgctt taaaaatatg agaagttaaa gtgccttgga tattatttta ttttctatat 240
 tttgtcccat attgtattgt ctaattttca ttgaaaccac ataacatgct tgaataggca 300

<210> 431
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 431

tggctggtat	tataggtgca	caccaccaca	cccaactagt	tttttgtgtt	tttagtagag	60
atgggggttc	atgatgttgg	ccaagctggt	ctcgagctcc	tgaccccagg	tgatccaccc	120
acctcggcct	cccaggggtgc	tggaattata	ggcgtgagcc	actgcgcacg	gcctggggag	180
gttttatttc	ttgacaaagg	tatttgatac	tcgtgcagac	cctggagggt	ctcactggag	240
agacaacatt	taggctgaga	tctgattaac	aggaggcagc	tgcagtgcag	agggtcaaaag	300

<210> 432

<211> 300

<212> DNA

<213> Homo sapiens

<400> 432

cccaggctga	caggggctct	gccgtcttta	acatgtgact	ttctaggtca	gtcatctggt	60
cattgctttt	ccacacagca	gataagacaa	aggagtggaa	atagaggggt	agagattttc	120
tcttaaacgt	gtgaggctgg	agtgggtatgc	ttcattggca	agaacctggt	cctagcctgc	180
ctagctgaaa	ggaggggagt	cagggagatg	cactttgcag	ccaaaattct	gttgccaaga	240
aggggaaagt	agatttggtt	gattttgatc	tgtgtttgct	gctgtgttac	tctataattc	300

<210> 433

<211> 300

<212> DNA

<213> Homo sapiens

<400> 433

cacctagctt	tatcatttgt	aaaatgagtc	tctaggtaca	gccctttctg	gggttgagac	60
agagtttctg	aggagtaaaa	gccatgtcat	tgtggaaaca	ggcagctatt	ctcacagctg	120
gcattgagccc	actactcccc	tataatcagt	gctgataaac	tgctctcatt	tggttgactt	180
cagacttttc	tgaccacttc	tgaatggggg	ccactttgaa	tggaactttt	ctatgtattg	240
aattaaaaga	tctccaagat	aaatgggttaa	atgaaaaagc	acagtgcaaa	agggcatatg	300

<210> 434

<211> 300

<212> DNA

<213> Homo sapiens

<400> 434

aagataaaaag	agataaggaa	gaaaaagaaa	gcagcagaga	aaaaaggagg	tggtctcgta	60
gccaagaag	acgcaaattc	agatctcctt	cccctagaag	acgatcttcc	cctgtcagga	120
gagagagaaa	gcgcagtcac	tctcgatctc	cccgtcacag	aaccaagagc	cggagtcctt	180
cccctgctcc	agaaaagaag	gaaaaaactc	cagagctccc	agaaccttca	gtgaaagtaa	240
aagaaccttc	agtacaagag	gctactttcta	ctagtgcacat	tctgaaagtt	cccaaacctg	300

<210> 435

<211> 300

<212> DNA

<213> Homo sapiens

<400> 435

agagtcaagg	aaaagtgcaa	gatagatcta	tcccattttct	tcctccacct	ggagattcct	60
gagctatgct	cagcctctgt	ggggcagggg	agactgggga	cattttttagt	caggatgctg	120
agaagtaatt	cctgctgggg	ccaggcatct	tttcagggtc	gctgtgatgc	caacaaagaa	180
ggggcccccag	gcccatcctt	actcctggtc	ccaaaaagga	tccaagtggg	atgggaagct	240
ggcagcacca	accacttgt	agattaacaa	caacaacaaa	acaccaacaa	ataaaaaaag	300

<210> 436

<211> 300

<212> DNA

<213> Homo sapiens

<400> 436

aagaaaggct	gccttttgagt	tgaccaacca	tgttgaggtg	gtagatgggt	gctaaactca	60
ctgtagtctg	agtaattgac	ttccacaagt	catccccact	gttgagcctt	tcaaaatgaa	120
gtctcagtat	atttacaaat	taatggacat	cctctctggg	gattagtcac	attctaattc	180
aacaaagaca	ttgtttgaag	tttgtttttg	tttgctaaat	gaactaaaaa	ttatgagatt	240
tgacactaaa	ggtactgagg	taaaggagag	ccaaaagtgg	ggtagtcaat	ctacttattc	300

<210> 437

<211> 300

<212> DNA

<213> Homo sapiens

<400> 437

accaggaata	atctagggct	cattagagat	gtcaaagatc	tgttctagtt	tottaacctc	60
aaacaagagt	gttttagttc	cattttatag	gcggggagtc	tgagccaaac	atgttatgtc	120
actttccaag	tctccatagc	acagaagtct	tctgtctccc	catcctgact	ttcccagctc	180
atagggactg	tcaaaggcag	cagctctggc	cggctgtgat	gcctcatgcc	tgtaatccca	240
gtaatttggg	aggctgaggc	aggaggatca	tttgaacca	ggggttcaaa	accagcctga	300

<210> 438

<211> 300

<212> DNA

<213> Homo sapiens

<400> 438

gcagaacatt	tctcaagaat	cctcttgagc	cagtaatcaa	tctgtctca	aaaaatgttc	60
tttgccattt	cctagatact	gcacaaaagt	ggccatgtcg	acatttgctc	acccaccctc	120
caataagctg	gagcgacaaa	gggacattcc	atccctgtac	ccttagtggt	agccatgaca	180
cgatggccag	atcatggact	ccggaaaagct	ttctgttttt	actggaaaca	tagcaaacct	240
tgatttagct	ccaagaaatt	gagtagggaa	atatttgttt	tttagcaatt	gtcatagtaa	300

<210> 439

<211> 300

<212> DNA

<213> Homo sapiens

<400> 439

cagaaattca	aataattctt	ttctgcttca	atgccagcag	aaggcccccc	aggtagacat	60
ggagaagcac	tttgtttttaa	ataggagggt	ttcatagtgt	catctgaagc	cacctgggtc	120
tgttaaactg	tatcgtgcag	gttttggtt	tggcattatt	catgtttctg	atcaattcta	180
tgcaactctc	atagttcctg	ttacttttta	gcattagctg	ccaaatgact	tcaaaaggct	240
ggggtgggtg	acttgactgt	gagactggat	tataacatgg	acaaatctta	ttttgcttaa	300

<210> 440

<211> 300

<212> DNA

<213> Homo sapiens

<400> 440

tcccaggaat	ctttgttgta	tattaatttt	tgataaccat	ttgattaact	ttaaaattaa	60
gtatatgtgt	gtatatatac	atatgtatgt	ttatatacac	acatgtatct	gtatagtttt	120
atatatacat	atatacacat	agacatacag	agaaccacta	ctttgtaata	gtgtacagtt	180
tgttttatat	ctcttttact	tttttgttac	tattttatct	ggccagcgta	atagttttat	240

ttagatttttt taaaattctg tagattaaag caaatgacag ttattgaact atcacaaaac 300

<210> 441

<211> 300

<212> DNA

<213> Homo sapiens

<400> 441

gtcccttgct	cggggccatg	gagacaactgc	ggccagtagc	gcggcgccctc	tgtctgaaga	60
aggggaagtg	acctccggcc	tccaggtctc	ggccgtggag	gataccggag	gccccctctgc	120
ctcggccggt	aaggccgagg	acgaggggga	aggaggccga	gaggagaccg	agcgtgaggg	180
gtccgggggc	gaggaggcgc	agggagaagt	ccccagcgct	gggggagaag	agcctgccga	240
ggaggactcc	gaggactggt	gcgtgcctct	cagcgacgag	gaggtggagc	tgccctgcgga	300

<210> 442

<211> 300

<212> DNA

<213> Homo sapiens

<400> 442

gcttgccggt	gcggggagct	cccgtgggag	ctccgctggc	tgtgcaggcg	gcatggatt	60
ccttgccgaa	aatgctgac	tcagtcgcaa	tgctgggagc	aggggctggc	gtgggctacg	120
cgctcctcgt	tatcgtgacc	ccgggagagc	ggcggaagca	ggaaatgcta	aaggagatgc	180
cactgcagga	cccaaggagc	agggaggagg	cggccaggac	ccagcagcta	ttgctggcca	240
ctctgcagga	ggcagcgacc	acgcaggaga	acgtggcctg	gaggaagaac	tggatggttg	300

<210> 443

<211> 300

<212> DNA

<213> Homo sapiens

<400> 443

tttctacat	tccgaggtg	ccctctgacg	tcgtcacccg	ctacctggcc	ctgaggaagg	60
ccacgagcat	cgttccctga	gccccagaaa	gggagatgaa	gtggaaagct	gtttcaaaaa	120
cagactctgg	actcatgatt	ttgtttcacg	gaaacaaact	cgttctgctg	tcaatctgaa	180
aatgccagt	ctgtgccttg	gaaagaatgt	ttggctttaa	tttaagggtt	ttttttttta	240
gtgtgtgttt	tcctccaag	tgtgatattt	cctgctgaat	taaattatac	ttcagttgtt	300

<210> 444

<211> 300

<212> DNA

<213> Homo sapiens

<400> 444

ctcggagcca	ccccggaaga	ccatgcgcag	aggggtgctg	atgacctgc	tgacgagtc	60
ggccatgacc	ctgccccctg	ggatcgggaa	gcctggtgac	aagccccac	ccctctgtgg	120
ggccatccct	gcctcaggag	actacgtggc	cagacctgga	gacaagggtg	ctgcccgggt	180
gaaggccgtg	gatggggacg	agcagtggat	cctggccgag	gtggtcagtt	acagccatgc	240
caccaacaag	tatgaggtag	atgacatcga	tgaagaaggc	aaagagagac	acaccctgag	300

<210> 445

<211> 300

<212> DNA

<213> Homo sapiens

<400> 445


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ggttaattcc ctgaatccta cttgaacatt gtataaattt ctctttgcat ataatacata      60
tttgtgaatg agacatatcc ccaaaaaaatt cttatctctg tatgtgattg gaaaagaaaa      120
gatcacattt gtatattcaa caatctttca cctattttcat aagtcatttt ttcaccctgt      180
atagtatggg aattatTTTT tatgttaaatt agaaactgaa tgtactgggt tgaatgggtg      240
cctctccaaa attcatgtac ttcttgagc ctcagaatgt gaccttattt ggaaatactg      300

```

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<210> 446
<211> 300
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 446
gnccttnaaa accatctact tgttcttttt gcaggatccc atngangtcg ggagaatgct      60
ggccacagat ggtgctgccc aacaggccca taccactcgt tccagtcaga ggtgcttgcc      120
ctttggggat gatgttcggt gttccaatca gtctcttcca atgaccagac actgccttac      180
ccatatttgt caggatacga atcagggtct cttcaagtgc tgccagggat ctgaagaggt      240
accctgcaac aaacctgttc ctgtaagcct ctctgaggat cctgtctgcc cactgcattt      300

```

```

<210> 447
<211> 300
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

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<400> 447
gccagatcct gcaggagagc gcgatgcaga aggctgcgtt cgaggcactc caggtgagga      60
aagacctgat gcatcggcag atcaggagcc agattaagtt aatagaaact gagttattgc      120
agctgacaca gttggagtta aagatgaagn nnnnnnnnnn ngaatgccta nntgagatna      180
tttgacctgg tccttntttg natttgacct ggnccanatc tacanggtca cttgggtcat      240
ctnctggacc cctgcttntt ctgggctgng cnntnaatgc ntncgttctt tnagagaaca      300

```

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<210> 448
<211> 300
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

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<400> 448
gttgctgtca cttggatttc tagctttggg agcctgttcc acctactcag ctctgcattg      60
agcagtatgg gcacatgccc tgtggacagt tactggacgt taatgaactc agaggagaaa      120
agcagtgagc cacttggtct gtgtgattta tggtaattca ttgctcttcc ttcacctcta      180
gtcactttct attgctacct gccctacatt ggctcctgcc aaggctccct tctctccctg      240
ttttcctttt tttttttttt nnnnnnnnnn nnnnnnnnnt tgcnttnncc cccagggtga      300

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<210> 449
<211> 300
<212> DNA
<213> Homo sapiens

<400> 449
gccaaagcctc ggccctccact gcacctgctg cggagtgga cctttgcctg caaggccctc 60
taccocatgg ccagtggtca tctcagcagg gtctttggcc actcaggagg cccttggtgt 120
gggttggtca gtctgtcctt cctcatgag aagctactgc ttatgtccac agaccaggag 180
gagctgtcac gctggtacca cagtctgact tgggctatca gcagccagaa aaactagagg 240
aatcttatag attccagaac tcaggatacc tcagggatag gtcacagcca agagtacaaa 300

<210> 450
<211> 300
<212> DNA
<213> Homo sapiens

<400> 450
gccaaagcctc ggccctccact gcacctgctg cggagtgga cctttgcctg caagtcccg 60
taccocatgg ccagtggtca tctcagcagg gtctttggcc actcaggagg cccttggtgt 120
gggttggtca gtctgtcctt cctcatgag aagctactgc ttatgtccac agaccaggag 180
gagctgtcac gctggtacca cagtctgact tgggctatca tcagccagaa aaactagagg 240
aatcttatag attccagaac tcaggatacc tcagggatag gtcacagcca agagtacaaa 300

<210> 451
<211> 300
<212> DNA
<213> Homo sapiens

<400> 451
ccattgttag catcgtagac gattgtgatt tttatgtcaa aagaagccaa aacttgcaat 60
actattttta gcagacaaaa aaaagaacta agtataaaat gtataaatat ttttgacttg 120
aacatttgga tggcactggg tgcaagtaga gcatccatcc ttcggatgga atgtttggaa 180
aaaagagact tttaaaaagg agacggttgt tttaaagagt ctgtttaggg gttaaagtac 240
tgtaactcac gactgttaaa aaataaattt tcctgtgctg taaaggaagg tttcacagta 300

<210> 452
<211> 300
<212> DNA
<213> Homo sapiens

<400> 452
gcaggatgtg atgtcaccca gatgcagagg atactcagtc aaccaacatt tactgagcat 60
ctacttcgtg ccgtatgtct tgtcaacgga aaggggtccc tatccagacc ccaagagagc 120
attcttggtat ctcttgcaag aaagaatttg aggcgaatcc atagagtaag caaggcaagt 180
tacttctata tagaaggggt cacccttaca gatcaaaca tgcttagtga tgtgtgtcag 240
acctctgagc ccaagcaagg ccatcatatc ccctgtgacc tgcattgtata catccagatg 300

<210> 453
<211> 300
<212> DNA
<213> Homo sapiens

<400> 453
cctgaggtca catgtggatt tggccagagc cttcaggagg tggaggccgg tgaggtcagg 60
agcccagctc tccagggggc ttctgcctgt actgggaagg gtgcctggct ccctaaaaca 120

```

atgtcaaagc cagtccctgct gttctctgtt gccagggggc aggtctgggc ctgggcccaac 180
cacgtttgtt atcatggctg ctgccttctg gacagctgcc agctctgcct tgagagggtg 240
tgggacctct ggatccagct gacctgacag gtcattctact cagggaggag ccctgtgctc 300

```

```

<210> 454
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 454
cacctcctag gttcaagcga ttctcctgcc tcagcctccc aagtagctgg gactataggc 60
atgggccacc actcctggct aactttcgta tttttagtag agatagggat tcaccatggt 120
ggccaggctg gtcttgaact cctgacctca ggtgatctgc ccgcttcggc ttcccaaagt 180
gctgggatta cagttgtgag ccactgcacc cagccaggaa tgacatttca aattattcaa 240
ttttgctatc aacaccttaa tataaaacca aagaggtaag catgctgggt actatagaac 300

```

```

<210> 455
<211> 221
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (221)
<223> n = A,T,C or G

```

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<400> 455
ggggcgccca ttactgaaag cctgcacatg aggagtgggt tttctctctc tctcctctc 60
aacattgagt tgatgatgat catgatgttt gagacagtgt ctactctgt cctgcctcag 120
cctcctgagg agctaggacc acaggctcat gcctccacat cctgctacat tttttatatt 180
ttttgtagag ttgggggtctt gctgnnnnnn nnnnnnttat a 221

```

```

<210> 456
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 456
gaaggcagtt atatgggttt ttactttttc atcaattcca taccatcggg agtaactaaa 60
tgaaacatac ttcaaagaaa gaagtcaaat taaatgactg tcattgccc ttaataaaaa 120
caacaatctg agcttaacaa aaaatttaac aaacaggga gacagaaaga tggatatatt 180
attgcctgac tacactggca taactcactt taacaaaaat tatcacattt aataatataa 240
cctgttatag ctaaataatta aacacatatt aattagggcc aactttgaag gatttctaatt 300

```

```

<210> 457
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 457
aagtagctgg gactacaggt gcccaccacc atacctggct aattttttgt atttttagta 60
gagacagggt ttatccatgt tggccaggct ggtctcaaac tcctgacctc aagtgatcct 120
cctgcctcgg cctcccaaag tgctgggatt acagggtgta gccaccatgc ccagccaata 180
atttctgat ataataaaaa tgccaatact atacaattaa atagtaaagt gataaaaaat 240
aggataacat gataaccact aattaatata tactacataa tcattccttt cgtgagttga 300

```

<210> 458
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 458
 gcagctgtgg agagaactgt acgtggtaag ggggagatat aagatgtcct gcataagtat 60
 tttccctgta gattgcaaag tcactctatgg agaggaaagg tccaaaatag tcaactgggga 120
 gagcaggtga attagatggc caagcagggg ggatggatca tttgaggttt ggggtgacag 180
 atcaactgag atccacttac acttctgaaa acgcaagaac actttagaac attaacaaca 240
 cttaaagctt ttacatcat ttgtaaataa ctggtggaac ttaacaccac aaaataaagt 300

<210> 459
 <211> 243
 <212> DNA
 <213> Homo sapiens

<400> 459
 cacactccag gctgagaaag agtaattagg aggcctgagg aggggcccag gaaaggctgt 60
 tgggggtgtgc tgggggttgg acccgagcgc cttccctca cctcaaccag agaagagcat 120
 ccggttgctt tttaaagctt ttagcctgcc cttagcaagga caaagcatgt tagattagag 180
 atgcttctgc tgatcgcagg ggttcttatt tgaaaacatc tatgatgggg gaggtgtggg 240
 aag 243

<210> 460
 <211> 260
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (260)
 <223> n = A,T,C or G

<400> 460
 cacactccag gctgagaaag agtaattagg aggcctgagg aggggcccag gaaaggctgt 60
 tgggggtgtgc tgggggttgg acccgagcgc cttccctca cctcaaccag agaagagcat 120
 ccggttgctt tttaaagctt ttagcctgcc cttagcaagga caaagcatgt tagattagag 180
 atgcttctgc tgatcgcagg ggttcttatt tgaaaacatc tatgatgggg gaggtgtggg 240
 aannnnnnnn nnnnnnnntg 260

<210> 461
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 461
 ggcaggtcat gttttcaaga gtagccagaa gtctggattc ttatgcaaag cctgttttgt 60
 tgtttgtttg tttgtttgtt tgaagtttgg cagcagattt aacattttta aagtactgtg 120
 caggccaaac aaaacacgcc tgttgactgg ttgtttgcca tcctaaatat aaagtggggc 180
 ccatgtgtgg tggctcacac ctgtaatccc agcattttgg gaggccaagg caggaagatc 240
 acttgagccc aggaggtcga ggctgcagtg agcagtgatc gcaccaccgc actccacctg 300

<210> 462
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 462

gccagggtgtc	attgcacatg	cctgcagtc	tggtactag	ggaggctgag	gcaggagaat	60
tttttgcacc	cagaagttca	aggctgcagt	gagctatgat	cacaccatgg	cactccagcc	120
tgggcaatag	aatgagaccc	agtctctaaa	aaagtagaag	ttaaaaaaaa	agattaagaa	180
tagatgtagg	gcagcagaat	ttcgaacttc	ttttcagcat	cacaatactt	taaaacagtg	240
attgtcatct	gcctcaaacc	cattgcctct	cacataggaa	atattttgaa	acatatTTTT	300

<210> 463

<211> 268

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(268)

<223> n = A,T,C or G

<400> 463

gctgcactnt	ggcctgcatg	cactctggcc	tgcatggcag	aacaagaccc	tgtggaagaa	60
atgaacactg	gtattagact	taaagattaa	atttcctcaa	acatgtccta	tctgtagtag	120
ttcaactaga	caccttttaa	agtgcctcta	aattcatcag	atggccaaac	tgtatttata	180
atccacttag	gcattttgaa	aaactttcaa	cctgtaaaaa	gttactttta	tcttggattt	240
attatgaaga	actttgtagt	tgctttgt				268

<210> 464

<211> 300

<212> DNA

<213> Homo sapiens

<400> 464

catgagttaa	aggatatTTT	cagtcctggt	atcttcaatt	gcagtcttta	aaaaaaccca	60
ccctattggt	ctacttggtt	tatgtctatt	catacagtaa	attcatttca	aggtttatgc	120
cagtgggtat	tattgggtgt	ttttgaagtt	gaggtgaacc	atccaggaag	gtcttggttaa	180
tgttatgttc	atctataatg	gcatagggga	aatatatata	tttttaatat	tgtaaacatt	240
tgtactgaat	aacctTTTT	tccccccctc	cgcaagcaaa	actggttgaa	cagcggatga	300

<210> 465

<211> 300

<212> DNA

<213> Homo sapiens

<400> 465

attagctgct	tgtggtgggg	ccccaaccgc	cctcgggcac	tggggagctg	ggctggggct	60
gctgctctgg	ggtctccggg	ggccacagct	tggggtgagt	tgaagacctc	aggggatgtg	120
gaggggtctg	cggggccctg	gccgcacagg	atggccttca	gggaagggtg	tcttggggca	180
tggtgcagag	caggtgaccg	gaggggaatcg	gtgacggagc	ggggccaagg	gaggggtccg	240
gagggagtca	gggatggagg	gcagagggag	tggatgtggg	ggtttgagga	cgtgtgacaa	300

<210> 466

<211> 300

<212> DNA

<213> Homo sapiens

<400> 466

gaaaagggag	ccgcgcagcg	cctacgggag	tccggcggca	gcagccggta	ccggcaacca	60
cgggcagctc	tcaggggaatc	tccgtcgtga	ggccagaggc	tccagtcccc	gcgagtccag	120
atgcctgtcc	agcctccaag	caaagacaca	gaagagatgg	aagcagaggg	tgattctgct	180
gctgagatga	atggggagga	ggaagagagt	gaggaggagc	ggagcggcag	ccagacagag	240
tcagaagagg	agagctccga	gatggatgat	gaggactatg	agcgacgccg	cagcgagtgt	300

<210> 467

<211> 300

<212> DNA

<213> Homo sapiens

<400> 467

agtggctgag	tggaggcgcc	cagacctggg	caggcagcag	gctcaggccc	acaccttggtg	60
atTTTTgaaa	ccaaagccca	gaagatgatg	tttacttctc	tctccctggc	tctgcccttc	120
ttactgcaaa	ccatgctgtg	ccttagggcc	cttctcatag	ctgttctctca	tgcccatgac	180
tggaacaggg	atgcaacctc	tttctacaca	agcacagtta	gttgggtgaa	gtcttttttt	240
tgtttgTTTT	agacggagtt	tcactcttgt	tgcccaggct	ggagtgaagt	ggcgtgacct	300

<210> 468

<211> 300

<212> DNA

<213> Homo sapiens

<400> 468

ctggaaatga	aattattatt	ttcacccata	gtagcaataa	aaagaatact	cagtaatacg	60
tatggaatac	tacttagtca	taaaaaggaa	tgaaataatg	gcatttgcag	caacctggat	120
ggaactggag	accattatct	taagtgaagt	aactcaggaa	tggaaaacca	aacgtcgtgt	180
gttctcactc	ttaagtggga	gctaagctgt	gaggacgcaa	aggcctaaga	atgatacaat	240
ggactttgga	gactcagggg	aaagggtggg	agggcgggtga	gggataaaac	agtgcacact	300

<210> 469

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 469

gacagtacct	ttcccccccc	tttcatggcc	catttttattg	tctgcctttc	agtactaagt	60
atgaccgttc	ctatctcaga	tcttaataaa	gagaaaaaaa	aannnnnnnn	nnnnnnaatn	120
nggccttant	tgantatact	ngttagcaag	cgtgngngac	agagagtggg	gaaagctnca	180
tcattgaana	tttngataaa	ctttaccgac	ttgagtntgg	tncatntntc	cctttnccta	240
aattaactag	cactgnctgn	aagncatttn	nctgtctgac	gnntntccct	tccattctgc	300

<210> 470

<211> 300

<212> DNA

<213> Homo sapiens

<400> 470

actgcctcct	tccacacgag	tgcccctttg	gccaaagaag	attattatca	gatattagga	60
gtgcctcgaa	atgccagcca	gaaagagatc	aagaaagcct	attatcagct	gctctgctca	120
gttagtTTTT	attccccggg	taccaagcag	ctgcacagtc	ggtgcctggg	aggcacgtag	180

agggccctgg	ctcaggcaga	gggagatggt	tagactcttg	cagggctaaa	actctaattt	240
ggaattgaat	attgtggata	tcttagttaa	aggccatgct	tacagcttag	aaatgaagcc	300

<210> 471
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 471						
ttttttaaga	gataaggtct	tgctatgtta	tctaggctgg	cctaaacttc	tgggctgaag	60
tgatcctcct	gtgtagctgg	gactacaagc	atgtgccacc	aatgcctggc	ttctcacact	120
gttttgtaac	atagatatgt	gaagatgtgt	attatagaat	tgtttgtaat	actgtagtgt	180
tgtaggcaat	gtgactgtct	ataggggaagt	ggacaggtta	tttgtggtaa	atactcatgg	240
aaaacgggtca	agcagttaaa	agcaatcaat	tatggtcacc	cagcaatgca	gataaatctt	300

<210> 472
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 472						
agaacagggga	gaagagagga	agagggagct	gcaggtgccca	gaagagaaca	gggcggactc	60
tcaggacgaa	aagagtcaaa	ccttttttggg	aaaatcagag	gaagtaactg	gaaagcaaga	120
agatcatggt	ataaaggaga	aaggggtccc	agtcagcggg	caggaggcga	aagagccaga	180
gagttgggat	gggggagggc	tgggggcagt	gggaagagcg	aggagcaggg	aagaggagaa	240
tgagcatcat	gggccttcaa	tgcccgcctc	gatagccctc	gaggactctc	ctcactgtga	300

<210> 473
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 473						
atttgactaa	atcattgttt	cacaactgaa	tagtcttggt	cttttagtag	caatgaaatc	60
ctaagctctt	gaggccattc	acctgccaac	ctgaccatac	tgctttcaaa	agtcttttct	120
catcagtaga	atctattttg	gtcacttcta	gtcaatgaaa	aatgtaaaact	tttaggagag	180
aatgtttcct	aggactcacc	cactccattc	aatgtttacat	ataaaaatagt	gtgatcaatc	240
acaatgtcca	tcttttagaca	gttggtttaa	taaattatct	ggtcttttgaa	aagaccgtgc	300

<210> 474
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 474						
aacttaaagg	tagttttaga	aggaagtaca	aattggcttt	catcttgcaa	acaatcgttt	60
tttacttcat	tatcttaatt	tgctttgtca	ctcataaaaa	ggaaaccata	cctgagttgt	120
agacaatgag	gaaacacttg	aggcttctgc	tgtgtgttct	tttgttattg	ttgttattgt	180
tgttactcag	taacttgaat	attgtttaat	gtgttgtaag	acgtagagtt	tatctcaagc	240
tgttaaaaat	ggtaatgtac	aaatgtgaat	agacacttat	ctatataata	tgggtaagtt	300

<210> 475
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 475

ttacttttga	tttgtgtctga	tgggaactga	gttggttgcc	tttgtgaaat	gaaatTTTTg	60
gctcttgaga	aagaattctt	atgaattgtt	atgcgaattt	tatatattta	aagagggaga	120
tctggggctg	ttatttttta	acaatttttt	tcataatata	tattccgagt	agatatttat	180
aaaatatatg	tttctttcat	tatgtgtttg	taaaattaga	gtttaaataa	atatgctttg	240
atgcatagtt	ttgaactaat	gtaacatgat	ttttcttttt	taaaacagcc	tgaaaatgta	300

<210> 476

<211> 293

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(293)

<223> n = A,T,C or G

<400> 476

tcatattagt	gttgccanga	gcaaaagggtg	gggnagggtgt	tgacttttnan	agcacagnag	60
naanttttcn	tggtgttggt	cgnttatctn	gattgtgtta	gtgcccacan	gnctgtatgc	120
atttttcata	attcncanan	ntgtatncta	atnagggtgc	acttcactgn	acataaatga	180
atctcaacag	acaaaagggtt	aaatcatttg	ttcattccctt	taacaagtat	gtgtcgagtg	240
cctactatgt	gctgggcact	gtaggttcaa	tggttaagaaa	agcagatata	ggc	293

<210> 477

<211> 300

<212> DNA

<213> Homo sapiens

<400> 477

gatgagttct	tttctttctt	tccacctcct	gcaaattatg	tgattttgcat	aattttgtaca	60
tagttagggt	catttggttag	tttgtattcc	ttttggcttc	ccccatatcc	tcgttgactt	120
tttctttctt	ttgtaactta	catatgttat	gaaattttata	tgaggatata	taattttcat	180
aaatgtttat	ggttttacatg	tattagttgt	tattattaag	atcacccctgg	gattgactgg	240
ccaagcattt	ggtggaagat	agcaataaat	aatacatcat	aaaagacttt	aatgtaaaaa	300

<210> 478

<211> 300

<212> DNA

<213> Homo sapiens

<400> 478

aagccaggag	cgaggggact	aacagcgcac	cccctccacc	agtgccgacg	gaaaccccgt	60
tttaaattaa	aaaataagcc	agtatacatc	gtagaaaatt	tctcttaaaa	atctcacaat	120
ttgtaaatgt	atattttttc	tttaacataa	aagtttacia	tataccgtaa	aacaaaaggc	180
tcaggaaaat	aattttccaaa	aaaaaggaag	aaaaagaaac	ctgaagtttt	gaattaaagc	240
tgaagacatt	tttttaaaacc	ctgttggtga	accagtgcact	tttttttatt	gtgctgatgg	300

<210> 479

<211> 231

<212> DNA

<213> Homo sapiens

<400> 479

cctcccagggt	tcacgccatt	ctcctgcctc	agcctcctga	gtagctggga	ctgcagggtgc	60
ccgccaccac	accgggetta	ttttttgtat	tttttagtaga	ggtgggggttt	cactgttagc	120

caggatgggtc tcgatctctt aacctcgtgg tccacccgcc tcggcctccc aagggtgctgg 180
gattacaggc gtgagccact gcgcctggcc ttgggttggt atactgggggt c 231

<210> 480

<211> 300

<212> DNA

<213> Homo sapiens

<400> 480

gttccccctct tcttgtgaga ctggtccagg cagcccttct ggacactgca tgatcacagg 60
agcagccctc tggcccataa tgacggccct gtcttcgcag gtggccactc gggcccgcag 120
ccgctgggta agggatgatgc ctagcctggc ttattgcacc ttccttttgg cggttggtct 180
gtcgcgaatc ttcattcttag cacatttccc tcaccagggtg ctggctggcc taataactgc 240
tgttgtcact ccactctcct aggcgctgtc ctgggctggc tgatgactcc ccgagtgcct 300

<210> 481

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 481

gtgatcacaa gggtcctttg ctgtggaata gtgagggtgt tgagtcagag gcagagtgat 60
gcaatgactg aaagactttt ccagccatct ccggctttgn atncggaagt cggtcatgag 120
ccagggnntg caggcaggct ntgggagctg naaaaagcaa ganaatggnt tctcccttgg 180
agcctccaga agggatgcgg tcctgccaac cccttgtcag tgagccttt cagatttctg 240
acttcagga ctgtaagana atnanccttg cttgtcgaac gnttcagan ttcaancact 300

<210> 482

<211> 300

<212> DNA

<213> Homo sapiens

<400> 482

cctacttatt ggatgttggc tctttggtgt catggagatg gctttactgt aggtttgttg 60
tgttgcatta cttttcattg ggattgaact gagaaataac aaacaagctt taagtgggaa 120
attaaaaaaaa agaagtaacc tatgtagatc caaacttaaa atgtgagaaa ttattgaaat 180
ttcattttct acaaacttga aattagcctg ctaattgtaa agttgtttta ataattgtga 240
caaattgtcag ttacgtttgc aaaggagtgt atggttctag gtatttgcct actgttaacc 300

<210> 483

<211> 300

<212> DNA

<213> Homo sapiens

<400> 483

gggtgcagtg gctcactcct ataatcccag catttttgaa gtcctatgca ggaggattgc 60
cagaggccag gaatttgaga tcagcctggg caacatagtg aaactctcat ctttataaaa 120
agtaatatta aaatttttaa aagtgtataa actgtaaagt atattttact ggtgttttct 180
tccttattcc tacttgtcag atgcaaatac acatttttgt gtgtttgtgt ttagtaatta 240
taagtataca tatttcttct atttcatata tttctatgac attatatctt agatgtgtaa 300

<210> 484
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 484
 caaagaggta cagagtgaag acagtgtcct cctgtttgtt attgcatgga cgatcacgga 60
 aatcatccgt tactcctttt atacattcag tctattaaac catctgcctt acctcatcaa 120
 atggggccagg tacacacttt tcattgtgct gtacccaatg ggagtgtcag gagaactgct 180
 cacaatatat gcagctctgc cctttgtcag acaagctggc ctatattcca tcagtttacc 240
 caacaaatac aatttctctt ttgactacta tgcattcctg attctaataa tgatctecta 300

<210> 485
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 485
 gtgaggctct cttaaaaaat ttaaaaatac tgaagaaaca aagggaggag tttgtagaat 60
 ctggagtggg ggaaacttct gtgtcaccaa acacagaaac catcaaagaa aatctttcac 120
 ttccaaaatt agtctataga aaaaaaaaaa aaaatcttaa cccaaataag agactgaggg 180
 aagagcttca atcaatcgag gtttactgag ccagagttgg agcgtgcca ggaaagcaac 240
 acaagtcaaa gaaacgtctg tggcctgtgc tctcccaaga agttttcagg aggctcaata 300

<210> 486
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 486
 cattaaatac acacaagact tcaattgctg ggtcctccat tgattaatga aaaaatgatt 60
 gtttttggaa tttgagtga acacttctta atggctgagt aggggtggctt acgcctgtaa 120
 tcccaccact ttgggatcac ttgaggccgg gactttgaga ccagcttggc caacatgagg 180
 aaagcacgtc tttactaaaa atacaaaaat tagctgggccc tgggtggctca tgctgtaat 240
 cccagctact tgggagtctg aggcgagagg atcgcttgag cttggggaggt ggagggttgca 300

<210> 487
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 487
 gtctagtata atcttgatgc tcaaaccaga taaggacaat acaagaaagg aagagtatag 60
 gctaattcta cccaataact aaatgaagta ttagcaaacc agattcatca ataacttttt 120
 aaaaatcaag aattaattgg atttaggaat ataacactgt gtataacaag ttttaagagaa 180
 atatatgaga atgataagac tgcaattgaa agtagaggct ttctctggag ggaaaggtga 240
 ggaggatgtg atttgggaaga acagcatggg gaggcacag ttgtattgta atgtttatatt 300

<210> 488
 <211> 271
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (271)

<223> n = A,T,C or G

<400> 488

aancnangtn	atnncaaggg	tnattggntg	nggaatagng	aggtggatga	gtcagaggca	60
gagtnatgcn	nnnnntgaaa	gacttaacca	gccatcaccg	gctttgaata	cggaagacgg	120
tcattgagcca	gggaatgcag	gcaggctctg	ggagctgaaa	aaagcaagaa	aatggattct	180
cccttgagc	ctccagaagg	gatgcggtcc	tgccaacccc	ttgtcagtga	gccatttcag	240
atttctgact	tccaggactg	taagaaaata	a			271

<210> 489

<211> 300

<212> DNA

<213> Homo sapiens

<400> 489

aagacctgca	gcttcagcat	cacttgagaa	gttggttagga	atgcatacta	gtgggccccg	60
ccccagaca	tagtgaatca	gaaaccaaca	gggaggcgcc	tagcattgtt	tttttaacaa	120
gtgctgggtt	attctgatgc	acagtctagt	ttaagaacca	ctactttggg	taaacgtttt	180
gactgtttta	agtttatggc	ggtgaagtgg	gcattcttcaa	agactagtac	ttacacagtt	240
tagaagattt	caaggtactg	ctgacagtag	tttattatgt	cagtatacat	acgtgtagag	300

<210> 490

<211> 275

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (275)

<223> n = A,T,C or G

<400> 490

gcactgtggc	gtcacctgt	aatcccacca	ttttgggagg	ctgaggcgga	ggaccacctg	60
aggcaaggaa	ttcagaacca	ctctgggcaa	cataatgaca	ctaacaaaga	ctatctctaa	120
tcaaggctag	aaccaaggga	aggctaataa	ttgccagta	ctgtgcatct	actgaaagcc	180
ctaccaagg	ccaccannnn	nnnnnnnnt	ctntnntatg	ncnantcnga	aanaacngna	240
acnttcacnt	tnttgactga	cgactgtcna	cncat			275

<210> 491

<211> 300

<212> DNA

<213> Homo sapiens

<400> 491

tgatgcctta	gtcacttggc	cacacagttt	tgtggtttac	gagtcatggg	aattgcttgt	60
cttactctga	ctgctaaagt	tctgtcctat	tgtcttttca	tgtaatagca	acatgactct	120
gatgacaaag	cccaactaat	tacacaactt	aattttaatag	tttaaagcgc	aaagggcatt	180
ccctgagcag	taaaatcttt	tgtttggaaa	ttttaaaaca	aatttatatt	tactttatgt	240
tttatattta	cgtaataagt	atttacaaga	acacaatttt	ctcaagattt	aaactgctca	300

<210> 492

<211> 300

<212> DNA

<213> Homo sapiens

<400> 492

gtcaactctc	cttggtgagt	gcctcagaac	ttaggaaaag	agaacagcgc	atgtctctct	60
catgaagatg	acagaggaca	aaagcaagca	gaaatataca	aggatttgcg	tactctatta	120
tgaatttctc	tttgagaaat	aatacctgtg	agaatgctgc	tccttcaatt	aggttcagga	180
ttggaggaaa	aatcatataa	aataggttcc	tgcaataata	ttgcccttg	agtatgggtg	240
ggcttgtgac	ctgctcagt	ctaaggaaat	gcagtggaaa	tgatgctgtg	taacttctga	300

<210> 493

<211> 300

<212> DNA

<213> Homo sapiens

<400> 493

ctgacaactt	gattgggttc	tccttcaggt	ttgaagcgcc	ctcgagaagt	gtctaaagga	60
gacagttgat	agccaaacaa	cagtttttga	ttcactgact	gattatgaaa	gaagcagtag	120
actggtatca	agaatcagtc	agcaaggagg	ccctcaccag	acgccagtgc	catgttcttg	180
gacttctcag	cctccatatt	catgaactaa	gttttttgaa	tccttaggct	tccacgtgtg	240
gaaagcctga	gctaacctac	tggaggatga	gccatcacct	ggagcagatt	caggccatcc	300

<210> 494

<211> 300

<212> DNA

<213> Homo sapiens

<400> 494

gtcactctgt	cacccaggt	ggagtgcagt	ggtgtgatca	tagctcactg	cagcctctac	60
ctcctgacac	aagctgtcat	cccgttttgg	cttctcaaag	tgotaggatt	ataggcgtga	120
gccaccatgc	ccgaccagtt	tctgctttta	ttaaaattgt	tcacagtttt	atacattcat	180
gttcattaaa	aatgctat	agaaaagagt	ttgataaaat	aaatattata	caaaattcga	240
agaaaaaaga	aaagagtttc	tgttttcagtc	acaaattagg	gttattgtga	tgtgtattta	300

<210> 495

<211> 300

<212> DNA

<213> Homo sapiens

<400> 495

gaaaagttaa	aaaagacatt	gagtgatgta	atccaccctg	ggggcaatag	ccatattgcc	60
aatggtgcgg	ccgggtgtgt	ggcaacatta	cttcatgatg	cagccatgaa	ccctgcggaa	120
gtggtcaagc	agaggatgca	gatgtacaac	tcaccatacc	accgggtgac	agactgtgta	180
cgggcagtgt	ggcaaaatga	aggggccggg	gccttttacc	gcagctacac	cacccagctg	240
accatgaacg	ttcctttcca	agccattcac	ttcatgacct	atgaattcct	gcaggagcac	300

<210> 496

<211> 300

<212> DNA

<213> Homo sapiens

<400> 496

gttatgaaaa	attattccca	ggtcctaagt	tcactctag	gaacttctaa	cattgccacc	60
ttgatttcag	aattatgtgc	accaataact	atgttggtcc	tctcattttt	tccacttttg	120
agcaagaagg	tcacatggca	gttaccctct	gcctgtccta	ccattgtctt	ttgggtatgt	180
gttgggcagg	taatttgtct	cttaagttcc	agaaacgaga	ttgagagaag	caatatatat	240
tcaaggagca	gcatttaagg	aactacctac	accaggaaa	tttcatctgt	acctgcacct	300

<210> 497

<211> 300

<212> DNA

<213> Homo sapiens

<400> 497

gtcacatctt	aaatggatgg	tggcagacaa	aaagagagag	cttatttagg	gaaactctgt	60
ttttaaaacc	atcagatctc	atgcaactta	ttcaccatca	caagaacagc	agggcacaga	120
cccateccca	tgattcaatc	atttcctact	gggtttcttc	cacagcatgt	aggaattatg	180
ggagctacaa	gatgagattt	gggtgggagc	acagagccaa	aacacatcag	atgccatgga	240
aatacaatga	ggaaaagaca	gtcttttccaa	taaactgtgc	tgggaaacct	ggctatccat	300

<210> 498

<211> 300

<212> DNA

<213> Homo sapiens

<400> 498

gcaaccttcg	cctcctgggt	tcaagtgatt	ctcctccctc	agcatcccaa	gtagctggga	60
ctacaggcac	gtgccaccac	acccagctaa	tttttgcat	tttagtagag	gcagggtttc	120
atcatgttgg	ccaggctggg	ctcaaactcc	tgatctcaag	taatctgccc	actttggcct	180
cccaaagtgc	tggcattaca	ggaatggagc	caccgcgccc	agcctgattt	cttttttttag	240
gtcttgtcag	gaaagatatt	gattcttttg	attcgtgaac	atgggtttttg	gtcgtcttta	300

<210> 499

<211> 300

<212> DNA

<213> Homo sapiens

<400> 499

cttaacagag	aaggtacctg	aggctcaaaa	aggatgactg	acagtcctag	tggcagaatg	60
gagggtgggat	ctggaaccca	caacttgatt	cctaggactc	ttttttttta	attcccacat	120
tggctgggtg	tgggtggctca	cgctgtaat	cccagcactt	tgggaggctg	aggtgggtgg	180
atcacctaag	gtcaggagtt	ccagaccagc	ctgaccaaca	tgggtgaaacc	ccgtctgtac	240
taaaaataca	aaaattagcc	aggcatgggtg	gcccatttcc	tgtaatccca	gctactcagg	300

<210> 500

<211> 300

<212> DNA

<213> Homo sapiens

<400> 500

gggctgacct	taagataagg	agatgatcct	ggattatctg	gggtggacca	atgtaatcac	60
aagggtcctt	aactgtggaa	tagtgagggtg	gctgagtcag	aggcagagtg	atgcaatgac	120
tgaaagactt	aaccagccat	caccggcttt	gaatacggaa	gacggtcattg	agccagggaa	180
tgcaggcagg	ctctgggagc	tgaaaaaagc	aagaaaaatgg	attctcccct	ggagcctcca	240
gaagggatgc	ggctctgcca	acccttctgc	agtgagccat	ttcagatttc	tgacttccag	300

<210> 501

<211> 300

<212> DNA

<213> Homo sapiens

<400> 501

ctgagatctg	cttttactga	agtggatcaa	tgatgaaact	agccaaatct	gagcatcaga	60
aggctttccg	gtctacctga	tgcatgatct	ctacagttct	gagaagcaga	actataaaac	120
aatgtaaaac	aataagggca	tatgtctggt	gtgtgtgtgg	ggggtgtgtg	tgtgtgtgca	180
cccacacgtg	tttataaagg	tagcagttgt	aggaatgaat	gagattggggg	gtgaggggggt	240

gcatatgtat gtctatgaaa gcctaatacat ttctgggcaa tgatgtaaag gttttacgac 300

<210> 502
 <211> 260
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (260)
 <223> n = A,T,C or G

<400> 502
 caccatcgaa tatttttatt tattttgaga gacagactct gtcacccagg ctagtcttaa 60
 actgttggtg aatcttaagt gattctccca cctcagcctc ccaaagtgtg gggattacag 120
 gcatgagcca ctacccttgg ctgtgatcaa gtatttagtn nnnnnnnnnn nnnnnnntaa 180
 atagtctgaa gtagagaaaa tagcacccaa tctaanataa ggtgaggtct anncacttat 240
 ttaannctnc nttntnnt 260

<210> 503
 <211> 294
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (294)
 <223> n = A,T,C or G

<400> 503
 gctatgctaa acagccttta catgtatggt ctgggttaaag ttcctttggt ccttttgttt 60
 taataaaatg tgctactgat tttttagctc aaaatcatca ctgttaattt ccagtcaccc 120
 caaatatggt taaaagattt ttttttttaa tcatgaagag aaaattagta gcatttcctt 180
 ctctcccat tatttattgg ttttctcac taatcttttt ttttttannn nnnnnnccaa 240
 aaatattnat ctnggtttna cntttnaatt ncentnctta atnggaattt tttt 294

<210> 504
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 504
 cagaacttca cagcagcctg tctcatcag caacccaacc accttcatca gcaacccaac 60
 caccttcac agcaacccaa ccacctcgtc agcaacccaa ccacctcgtc agcaacccag 120
 ccaccttcac cagcaaccca accacctcat cagcaaccca gccaccttca tcagcaaccc 180
 aaccacctca tcagcaaac aaccacttct atctgcaacc caaccacttt catcagcaac 240
 tcaacacctt catctgcgcc caaccacctt catcagcaaa ccaaccacct tcttcagcaa 300

<210> 505
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 505
 gccagctac gatctatatg ctgtcatcaa ccactatgga ggcattgatt gtggccacta 60
 cactgcctgt gcacgcctgc ccaatgatgc tagcagtcag cgcagtgcag tgggctggcg 120

cttgtttgat	gacagcacag	tgacaacggt	agacgagagc	caggttgtga	cgcgttatgc	180
ctatgtactc	ttctaccgcc	ggcggaactc	tcctgtggag	aggcccccca	gggcagggtca	240
ctctgagcac	cacccagacc	taggcctctg	agctgaggct	gctgcagcca	gggactaggc	300

<210> 506
 <211> 276
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (276)
 <223> n = A,T,C or G

ccaagtntnc	ancanccacc	aaanggnntn	nccgnatgtg	gtccttatac	acaatanagt	60
gntantcatc	catacnaaaa	gaatgagatc	ctatcatttg	caataacatg	gatgaaacta	120
aaagtcattg	tgntatgnga	aatnagncag	gncagaang	tcanaatatc	acgtgttggtc	180
tcctctctctn	tagganntnn	nnnnnnnaag	ccatctgaac	tgacagagat	ggagaatgga	240
aggatggtta	ccagaagttg	gtggggaagg	gggaag			276

<210> 507
 <211> 300
 <212> DNA
 <213> Homo sapiens

aaaacacaca	cacacacaac	acaatgtttt	cacgcctgta	aacctagcac	attgggaagc	60
caaggtggga	ggattgcttg	aggccaggag	ttcaaggctg	cagttagcta	tgattgcaca	120
ctgtactcta	gcctgggaga	cagagtgaga	cactgtctct	aaaaaaaaaa	aaagtttttg	180
aaccttaaaa	tactttgttt	gaattttctaa	tcatcattca	aaagagcagt	aaaaaatggt	240
tacttgttct	tgtacaagct	actaattaga	ctatagtagg	atatttttaa	gagctgaatc	300

<210> 508
 <211> 300
 <212> DNA
 <213> Homo sapiens

tgaagccagg	aaagggggtg	ggctaggggg	tgctgtttta	ggtagagtga	tggaacagc	60
cccactgagc	aaacttttagc	cacatgagta	gctggaagaa	aagccttcta	ggaccaggga	120
acagcaagtg	caacagccct	gagacaggat	gggcttgta	gtttgaggag	cagtgggagg	180
cctgaaccag	gttacatggg	gcccagccag	tatggccacg	actttgtgtt	ttatccagag	240
tacaaaggag	cctcactgag	ggacaaggga	agtggcatga	tgtgaccgcg	atattaagag	300

<210> 509
 <211> 300
 <212> DNA
 <213> Homo sapiens

gcctgggaaa	gcgtggcgcc	catgaatatc	cgcaggagca	cgcattgacct	ggggggccatg	60
gacggatggt	tgtacgccgt	ggggggtaac	gacggtagct	ccagcctcaa	ctccatcgag	120
aagtacaacc	cgaggaccaa	caagtgggtg	gccgcatact	gcattgtcac	cgggcgcagc	180
agtgtgggtg	tggcggtgct	ggagctgctc	aatttcccg	cgcctatcctc	cccagcgtg	240
tccgtgtcct	ccaccagcct	ctgaccacc	taccaccaga	ggcctgcagc	ctcccatg	300

<210> 510
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 510
 tgcaacatca ctgatatcag catcctttaa aatattatct gcttcttggt ctaagagcaa 60
 caaagctggg aattccttat agagttattc acaatgcctc cataatgaat gctgtaggct 120
 gctgtggttt acagacatca aagtaaagga gcagtccttg gaaaatctaa tcaagggaag 180
 gaagatctat gaacctccac ggtatatgag tgtaaaccac gcagcccagc agcttctgga 240
 gattgttcaa aatcaaagaa tacgaggaga agaaccagca gttaccgagg agacactttg 300

<210> 511
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 511
 gtatcacctg agcaaactct ttaaattata cattctgtga tatttccttg actttcttat 60
 ccagcacttg tattgattat ttttcatttt gataatggtg gggtttttaa aactccttta 120
 tgatggaaaa tttcaaact acacaaaagt agagagagaa tggataata aaccactca 180
 gttttaagga ttgtcaacta ataccagttt tatttcatgt atgactccaa caacttcccc 240
 aaccagcctt cagattattt gaaagcaaat ttcagacatc gtattttact catacatttt 300

<210> 512
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 512
 gggcatgggg ccaggaccag gggagaggca cagctccttc ctgagcagcc tctcaccact 60
 gccacaaggc tccctaattg tggctctctg tccactcccc ggcttcccg gaggcaggag 120
 gcagagccac agccaaggcc ctgaccactt ctgtgccagt tgtctaagca gagcgctca 180
 gggacgctgg aaatgcctta aggatagagg ctgggcatca catcaaatgg gactgtggtg 240
 tttggtgaaa accttcctga ggatctggat tcaggaccct ccatgactgg cctattttact 300

<210> 513
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 513
 cgaataaagc agaaaaggag agatcgctga aggaaaagtc tccgaaagaa gaaaaactga 60
 gactgtacaa agaggagaga aagaagaaat caaaagaccg gccctcaaaa ttagagaaga 120
 agaatgattt aaaagaggac aaaatttcaa aagagaaggg agaagatttt taaagaagat 180
 aaagaaaaac tcaaaaaaga aaaggtttat agggaagatt ctgcttttga cgaatattgt 240
 aacaaaaatc agtttctgga gaatgaagac accaaattta gcctttctga cgatcagcga 300

<210> 514
 <211> 290
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (290)

<223> n = A,T,C or G

<400> 514

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agtatgagaa gggaggatgg gggagaatct gattaataaaa aatgattcat tccttcacag      60
acactaacia acatggctaa aaagcacatg tcagaacaca gaagcctagg tagatgggtg      120
acatttttat aacttcctta agtgagtagt taaaccagca gtcttaattc tgttgggtct      180
ccaagagtgt ttaattacat aagtattacc tgtattcatt tcccacaact gttgggtttt      240
tctttctttt tttttttttt nnnnnnnnnc tccnataaaa ancncctggg      290

```

<210> 515

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 515

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anaaggcgca ngaagcagaa gcgcagagcg aggacgacga cgaggatata gaagaggaac      60
agggggaaga aaaggaaaag ggagcgagcg agaaaaggag ggggaagaga gtccgttttg      120
cataagatga agaataagag gaaaattcct cggaggacgg tgacataacg gataagagtc      180
tttgtggaag tgggtgaaaag tacatccac ctcattgtgag gcaagctgag gagacagtgg      240
acttcaagaa aaaggaagaa ctagaagaggc tgaagaaaca tgtaaaaggc ctacttaaca      300

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<210> 516

<211> 300

<212> DNA

<213> Homo sapiens

<400> 516

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gctatctgaa cacagtggaa agatgggacc ctcaggctcg ccagtggaaat tttgttgcca      60
ctatgtctac cctaggagt acagtaggtg tggcagtact aagtggaaaa ctttatgcag      120
ttgggtggcg tgatggaagt tcttgtctca aatcagtaga atgttttgat cctcatacta      180
ataagtggaac actgtgtgca cagatgtcaa aaaggagagg tggcgtagga gtgacgacct      240
ggaatggact gctgtatgct atagggggggc acgatgctcc cgcattcaac ttgacttcca      300

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<210> 517

<211> 300

<212> DNA

<213> Homo sapiens

<400> 517

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ggaaccatga gaaccgaagc tagaattgct attgaattac tttattttct cttcccttat      60
tgggtagaga tacatcatta ctggcctcag gggtttacct aaagaaaggg tatttttgag      120
caaataatgt gatttctctg ctattttgtt gggggcttaa gatttttttt tttcaaagtc      180
attttttagtc actaaaaatt aactgtcgta ccatctagaa ctatactgtc cagtaccata      240
gcctctagcc gtatgtagct atttgtatta agattaattg aaatttttaa tccagttcct      300

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<210> 518

<211> 214

<212> DNA

<213> Homo sapiens

<400> 518

ctcagacaaa	gaaaccattg	aaattataga	cctagcaaaa	agagatttag	agaagttgaa	60
aagaaaagaa	aagaggaaga	aaaaaagtgt	ggctggtaaa	gaggataata	cagacactga	120
ccaagagaag	aaagaagaaa	agggtgtttc	ggaaagagaa	aacaatgaat	tagaagtgga	180
agaaagtcaa	gaagtgagt	atcatgagga	tgaa			214

<210> 519
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 519						
agcaattcca	ctcctagctc	cacccacagg	aattgaaagc	aaagacgcaa	acagatgcct	60
gtgcaccaaa	gttcacggca	gcataccttcg	ccatagtggc	agcatccgtc	gtcacagcgg	120
catcatcctt	catcatagcg	gcagcatccg	tcgtcacagc	ggcagcatcc	ttcgccacag	180
cggcagcatc	tgctgtcaca	gcggcagcat	ccttcgccaa	agcggcagca	tccttcgtca	240
tagcggcagc	atcctttgcc	atagcggcaa	ggtggaaacc	ctgtccatcc	actgaggcgt	300

<210> 520
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 520						
caccgccagg	ccagctgtca	ggaaacaggg	gctctaggcc	cagcttcacc	acttaggagc	60
tatggctttg	ttcagaaaaca	ttgtgactct	cttaccacaca	cattcctctg	ctggaagggg	120
agattgacaa	accagcatca	tctctaattt	actacaaaag	cctcactgg	aaattattct	180
taacttagca	gctggttagga	tccattaaaa	aaaaaagtaa	gttagactgt	gttactctgc	240
tgctcaaagc	cctgcagtgc	ctcctcattt	tacctagcgt	aaaacctaaa	gtcctttcca	300

<210> 521
 <211> 270
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(270)
 <223> n = A,T,C or G

<400> 521						
cacagttctg	catggctggg	gaggcctcac	aatcatggtg	gaaggcaagg	aggtgcaaaa	60
gcatgtctca	catagtggca	aggcaggaga	gagcatgtgc	aggggagctc	ccattttataa	120
aaccatcaga	tctcatgaga	cttagtcact	accacgagaa	cagtatgggg	ggaaccatcc	180
ccatgattca	gttatctgca	cctggcccca	cccttgacac	ntgggaatta	ttccaatgcn	240
nggtganatt	tgntngnna	nntttncnna				270

<210> 522
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 522						
attgaaggca	gagaaggaag	ggaggaggga	atgattcaag	gccaaaatgg	ccacatttag	60
aagatacctc	agatgataac	cattgttatg	tgtgtgcaat	tttatttaac	agtgtctgtg	120
atgtggtgga	caagttatat	gaaatatcta	gtctttctag	atatttgga	gtgcttgatg	180
tattttaaag	tggtagtaga	ataacacttt	gtaaatagct	tttaaaaact	gatgggaaat	240

gctgttttggga agtgggaattg ttgaaccacc tgggaggtgg gagggaagaa attgcaaattg 300

<210> 523
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 523
 tgaagaatgg cgtggggttg ttcctttcaa atgcacttga gcagcgggtct ccaaccacag 60
 ggccacagag ctggaggtga gcagcaggcg agtgaaggga aacttcatct gtatttctag 120
 cccctcccat cgcttgcattg accacctgag ctccatgtcc tgcagatca gcagcagcat 180
 tagattctca caggagcaca aactctgttg tgaagtgtgc atgcgaggga tctaggttgt 240
 gtactcctta tgagaatcta atgcctgata ttctgttact gtctcccatc accccagatg 300

<210> 524
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 524
 caagaagagt tttctgttca gtttggaaaca agatttttgg aagacattta ggatgtacta 60
 gtttgagttt ttaaattgat atttgagata ttttctcaac tttctctttg ggtctgtagc 120
 taaaatatgc agtataatgt tatattttatt tatttttttaa gagatgggggt ctagctattt 180
 tgcccaggca gactcaaatt cctgggctca agtgatcctc tgccttggcc tcttgagtag 240
 ctgggactta cagacatgtg ccaccaaacc tagtggttat ataattttta aaaatattct 300

<210> 525
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 525
 gccacacggg cccgcatcat ccttgcattc tggttccgct acgacctcag ccccatcacg 60
 gtcaagtaca cagagagacg gcagccgctg tacagattca tcaccacgat ctgtgccatc 120
 attggcggga ctttcaccgt cgcgcggcatc ctggactcat gcatcttcac agcctctgag 180
 gcctggaaga agatccagct gggcaagatg cattgacgcc acaccagcc taatggccga 240
 ggaccctggg catcgccagc cttgcctcca gtgcctctgc tcttttggcc ctcaatctgg 300

<210> 526
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 526
 ttccttccct cctcctttca ttctccttct ctcttctctc ctctcctttc tctacctcc 60
 tttgactaag cctccctccc ctactccctc ctttctctcc ttcttctctt cttctctatc 120
 aatataatca ctttgtttct ttcagggtgag atcggactgg aactgttcgg ctgcgaccag 180
 aaatttattt tcttgagtaa attgccgaga attaagaatg aagagggcca tttgcatctc 240
 cttaaattat tcagttacct gctttattgc tccatgtgga aaacttaaaa ttgttaagtt 300

<210> 527
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 527

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atccagagaa atgatgtgcc ttgtgtaaag ttgtggttag gaagggacag agccaggact      60
ctaaattctg tcctccggcc ataattccaa aactttctcc aatgttaggt atgtaggcta      120
aaatgtgcta acagcacttg tgtttttggt tccttttggt ttacttttta ttatggcaaa      180
tttcaaacat atacagatac agaatagttt aatgaactcc catgttctca tcatgccagt      240
tcaaacatga atacatggtc aaccttgat cacttaaaact cttgcacaca agccctgccc      300

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<210> 528
<211> 296
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(296)
<223> n = A,T,C or G

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<400> 528
gtaagttatt tgtaagtta gaaccctcag tgcattggtct agggatctct ggaggtcccc      60
aggacccttt cagagaagcc atgaggtcaa aactgttttc ataagcagaa ccaaaacatt      120
atttgacttt ttcaatgcat tggcatttgc attgatggta caaaagcaag gatgagtaaa      180
atggnnnnnt ncttagcgng atcaagatgg naanaantgc acnaganaac nntgtntnct      240
tnnctgcann gngcntttta agactnccna ttcnaantaa ganancannn acggcc          296

```

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<210> 529
<211> 300
<212> DNA
<213> Homo sapiens

```

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<400> 529
aaaacactat ttacctatth tccaaggaag gaagtattga gattgacatt ccagtcccca      60
aatacttata ttctgtgagc tcacaagaaa ctgagggcgg ccccttagct cctatgactg      120
gaaccattga aaagggtggt gtcaaagctg gagacaaagt gaaagcggga gattccctca      180
tggttatgat cgccatgaag atggagcata ccataaagtc tccaaaggat ggcacagtaa      240
agaaagtgtt ctacagagaa ggtgctcagg ccaacagaca cactccttta gtcgagtttg      300

```

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<210> 530
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 530
aacaggaata tggaaagaaa ctacagagccg agttagtgga aaagtggaaa gcagagagag      60
aggctcggct ggcaagagga gaaaaggaag aggaggagga agaggaggaa gagatcaaca      120
tctatgcagt caccgaggag gagtcggacg aggaaggcag ccaggagaaa ggaggggacg      180
acagccagca gaagttcatt gctcacgtcc ctgttccttc gcagcaagag attgaggagg      240
cactggtgcg aaggaagaaa atggaactcc tccagaagta tgcaagcgag accctgcagg      300

```

```

<210> 531
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 531
cttagattct acctgtaaca ttttataaaa cttgctttat aacacagata tctatcaatc      60
tcatctttta atttaatttt ttttttgcaa cagagcaaaa cccagtctcc aaaaaaaga      120
aaaaggaaaa agaaatgtat tttaaattat catgctttta gctatttact tatgagcctt      180

```

tataacagat tcttcatagt ctgccttcta tactcccagg gtgatggtct ggggaagggg 240
gagctaggac ctgtctttcc ttgggtctta tcaccacctc ttccaggggc tgctccttcc 300

<210> 532
<211> 300
<212> DNA
<213> Homo sapiens

<400> 532
aatagtagaa aggggtcccca ttctgtctca gcaccgcacc tctctacccc cccacagaca 60
cacatgcaga cacacacatg cagacaacac gcagacacac acatgcaggc actcacatgc 120
aggcccatgc acacacacgt gcacacacat gcagagacat gcagacacgc aggcacacat 180
gcacacatgc aaagacacgc atgcaggcac acgcagacgc acacagagac acacatgcag 240
atacacatgc acacacacat acacacactg gccctgttt ttctgtggtg tcactgggtg 300

<210> 533
<211> 300
<212> DNA
<213> Homo sapiens

<400> 533
gatttttacgg tttttgatgg gattattcaa gtgtcagaat taactgttca aaatgttctg 60
aatcatgtag atacatggca ggtaactgtt tatgggagaa aagtacagtg ctgttacgtg 120
gcaactgtaca gtcatgtgcc acgtaacagc gtctgggtca gtgacggaca cttacctgac 180
agcggatcca caatattctc gtgcagtgtg ttggaatcc tggctctggc tctcgtcgtt 240
ggccttgtag atcaagtagg ggaagtgagt gatgttcagt catgctgctg ggacacttgg 300

<210> 534
<211> 300
<212> DNA
<213> Homo sapiens

<400> 534
gcctggccta aatgaagtac cacatgaccg accgaccgac ctggggaaca tagcaagacc 60
ccatctctac aaaaatgtaa aaaataaaaa ttagccgggt gtagtggtag atgcctgtaa 120
tcttagatac tcgggaggct aaggcagaag gatcacttga gcccaggagt tcgaggctac 180
agtgagctgt gatcgtgccca ctgcactcca tcttgggtgg cagagtgagg ccctgtctca 240
aaataaataa tccagtcccc cccaagaaag gaatgaagtg ctataatgag aaaaatccta 300

<210> 535
<211> 300
<212> DNA
<213> Homo sapiens

<400> 535
tggacggcag agcccaagtt tcaagctttc cctgtccagt ggaacgaaga ctaacctcac 60
cagccagtca tctacaacaa atctgcctgg ttctccggga tcacctggat cccaggatc 120
tccaggctct cctggatccg tacctaaaaa tacatctcag acggcagcta ttactacaaa 180
gggaggcctc gtgggtctgg tagattatcc tgatgatgat gaagatgatg atgaggatga 240
agataaggaa gatacgttac cattgtcaaa gaaagcaaaa tttgattcat aataatggca 300

<210> 536
<211> 300
<212> DNA
<213> Homo sapiens

<400> 536

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agtgcacgca gcccgagccc acgggcgact gacagctctg caggagagat ttcaacacca      60
tcccacactg tccaggcctt aactgagagg gacagaagac gctggaagga gagaaggaag      120
cgggaagtgt gcttctcagg gaggaaccg gcttgccagc aagtagattc ttacgaactc      180
caacttgcaa ttcagggggc atgtcccagt gttttttttg ttgttttttag atactaaatc      240
gtcccttctc cagtccctgat tactgtacac agtagcttta gatggcgtgg acgtgaataa      300

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<210> 537

<211> 267

<212> DNA

<213> Homo sapiens

<400> 537

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tttacatttt gtttgaatca ggatccaaat aagggtttaa tattgcaatt tgattaatac      60
attaagattc ttttaattcta taagtccctg ctccatctgt cattttattt ttatcccttg      120
aaattttatt attgaagaaa ctatatcctt tgctttgtaa aattttccac agtgtggctg      180
gctttggctg attgctagcg tcatttgcta tttatttttg tccgttatct tggatctggc      240
gccttgatca gatttaagtt gattttt

```

<210> 538

<211> 300

<212> DNA

<213> Homo sapiens

<400> 538

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ggtttttgat gggattattc aagtgtcaga attaactggt caaaatgttc tgaatcatgt      60
agatacatgg caggtaactg tttatgggag aaaagtacag tgctgttacg tggcactgta      120
cagtcattgt ccacgtaaca gcgtctgggt cagtgcaggc cacttacctg acagcggatc      180
cacaatattc tcgtgcagtg tgtttggaaat cctgggtggg gctctcgtcg ttggccttgt      240
agatcaagta ggggaagtga gtgatgttca gtcacgctgc tgggacactt ggatttccag      300

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<210> 539

<211> 300

<212> DNA

<213> Homo sapiens

<400> 539

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accagaagga agaaggatta ctaaattaga tcagattttg ctaaattggaa ataataaac      60
aatgctggtt cctggaggag aaggacctga agtgtgaatg agtttccttg acttacacta      120
gattttgttt tggcttataa tgacaagaaa atggaatttt tttccctct ttctaattgt      180
taaattcccat aaagctaagt ttcccgtaa aggggaagtgc tttgaagatg tgtaccatt      240
tttgtaagtt aatcatgatt atcctggaaa aagaagaaaa gagcttcttc tttgcagaga      300

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<210> 540

<211> 297

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(297)

<223> n = A,T,C or G

<400> 540

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gnnctataga atacaagcta cttgttcttt ttgcnnganc ccacganc ggaattatag      60
tattgacgtg aatcccactg tggatatagat tccataatat gcttgaatat natgatatgg      120

```

ccattttaata	acattgattt	cattctgttt	aatgaatttg	gaaatatgca	ctgaaagaaa	180
tgtaaaacat	ttagaatagc	tcgtgttatg	gaaaaaagt	cactgaattt	attagacaaa	240
cttacgaatg	cttaacttct	ttacacagca	taggtgaaaa	tcataatttg	gctattg	297

<210> 541
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 541						
aatggcctgc	ctcacacgtc	agccagaacc	cagctgcccc	agtcaatgaa	gattatgcat	60
gagatcatgt	acaaactgga	agtgtcttat	gtcctctgcg	tgctgctgat	ggggcgctcag	120
cgaaccagg	ttcacagaat	gattgcagag	ttcaagctga	tccttggaact	taataatttg	180
tttgacaaac	tgatttggag	gaagcattca	gcatctgccc	ttgtcctcca	tggtcacaaac	240
cagaactgtg	actgtagccc	ggacatccct	tgaagataca	gtttttgagg	cttcttcaga	300

<210> 542
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 542						
gactgtgtgt	gctgggtgtg	gtgtgagttc	tacgttttcta	ccatatgtga	tcagtttaat	60
agtaacttta	tttattttaa	aaaaagaaac	acaattagtt	actgttaaac	tgataaaggg	120
tgtttatatt	taccttttag	aattggctct	atgaagaagt	agaaagtga	tcatgcacta	180
gacagtgggc	ctagctcatc	agtggctaaa	gttgaaaagg	ggttggtttc	ctgtatatat	240
atgtatgtat	atacacacgt	acatacatc	atatatatata	atatatacat	aatgtgctta	300

<210> 543
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 543						
ccagagctgg	cagaagaaaa	cagtaaagct	tagagtagaa	ataaatgaaa	taaagaacag	60
agaaatatag	aaaatcaaaa	ataccaaaag	ttggctcttt	gaaaagatca	acaaaattgc	120
caaccctttt	aagtagacaa	gaaagaatga	attgttggtg	gtgcagtgg	gagcatagct	180
gcttttcaag	aacaaaaaag	actcaaata	ctaaaatcaa	gaatgatcaa	gaatgagaga	240
gtagacatta	ctacagatct	tacagaaatg	aaaggattat	taatgagtac	tgtgaacagt	300

<210> 544
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 544						
gtctctgcaa	aagacccttc	cgaccagagt	gttcgtggaa	ctggttccct	gggctgaccg	60
gagccgggag	aacaacctgg	cctcagggag	agagacgcta	ccgggcttac	gccacccctt	120
ctcctcaaca	caagcccaaa	ctgctaccgc	cgagggtgca	gtaagcggca	cctcagaagt	180
gtctgcgggc	cctgaccggg	cgcaggtggt	ggtgcgagtg	agcagcacca	aggaggcggc	240
agccgaggcc	aaaaagagcg	tttgtcgccg	tctagattac	atcacgcaga	gcctccagca	300

<210> 545
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 545

taagaatcca	ccaccaccca	tcaattttca	ggaatgggat	ggtctctgttaa	ggataacctt	60
tgtaggaaa	aacaagacac	tctctgtctgc	attttaaata	agtgcagtgc	aacaactctt	120
ggaaaaaac	tacagaatcc	actgttcagt	ccataatatt	ataataaccag	aagattttcag	180
catagcagat	aaaatacagc	aaatcctaac	cagcacagggt	tttagtgaca	aacggggccc	240
ttccatggac	atagatgact	tcatacagatt	gctacatgga	ttcaacgcag	aaggatttca	300

<210> 546

<211> 298

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(298)

<223> n = A,T,C or G

<400> 546

gaaaggacag	tgctacttgt	atatgaaggt	tatagaacga	gcggcttttc	ctcggcgtct	60
ctgggaacgg	gtccggctta	gtaaaaacta	tgagaaagca	ctggagcaaa	tagatgaaaa	120
tctgatttac	tggccccgtt	tcattcgaca	caaagtgaag	cagagattca	ccaagatcac	180
ccaataccta	attcgaatta	caaaacttac	actaaagcga	cagaggaaac	ttgttccttt	240
gagtaacgaa	ggtggagcgt	agannnnnnn	nganganang	aaaaggcctt	nttagctg	298

<210> 547

<211> 300

<212> DNA

<213> Homo sapiens

<400> 547

agtaaataat	aatgtgcc	ctgcattctc	acctgggtgg	gtgacaaagc	aagaccctgt	60
ctccaaatat	atgtatgtat	gtgtatatat	atatatgcac	acacacacac	atatacacac	120
atatatatat	tctgaatata	tatatctgtg	actccccgaa	ataaattcag	tttatatata	180
tgtaaataaa	ttctgaagac	tctacatgtg	tgtgtatata	tacacatata	tttttgtatt	240
aacgttaata	gtaatatata	catgagttca	gggtattagc	cagttctgtc	tttcgggatg	300

<210> 548

<211> 300

<212> DNA

<213> Homo sapiens

<400> 548

atcagtatga	actcttaaaa	catgcagaag	caactctagg	aagtgggaat	ctgagacaag	60
ctgttatggt	gcctgagggg	gaggatctca	atgaatggat	tgctgtgaac	actgtggatt	120
tctttaacca	gatcaacatg	ttatatggaa	ctattacaga	attctgcact	gaagcaagct	180
gtccagtcac	gtctgcaggt	ccgagatatg	aatatcactg	ggcagatggg	actaatatta	240
aaaagccaat	caaattgtct	gcacaaaaat	acattgacta	tttgatgact	tgggttcaag	300

<210> 549

<211> 300

<212> DNA

<213> Homo sapiens

<400> 549

tctccttgcc	tttctcctga	aaggatatgag	actacttgcc	ttactgtcat	attattgagg	60
gaatcagcgc	aaagcctgag	gaaatgaaca	gtagctgtgg	gtcaaagcca	tgtctccagg	120

ttcacggctc	actccccag	gacaagccta	gttaggtagt	ggctgcatct	ggtatccctg	180
ggacagaaat	gcaggtgaga	gggggtatca	agaatgcctc	gagcctctag	aactatagtg	240
agtcgtatta	cgtagatcca	gacatgataa	gatacattga	tgagtttgga	caaaccacaa	300

<210> 550
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 550						
gaaccaagaa	aatatattaaa	aatctaagca	gtccttttgc	cattaaagga	taaatcagta	60
gttaacactt	tttctacaaa	gaaatggtgt	gcctggatgg	tcgtgtaggt	gagttttacc	120
aaggattatg	gtaacaaatg	agtgagacct	ctatggagaa	aatattgaag	gacattaaag	180
aagacctcat	aaatggagag	agatatatca	ttaatggata	ggaagcctca	atggcataag	240
tatgtcagtt	tctttcaaaa	ctcacctatg	gattcaatgt	gattccaaac	caaatcccaa	300

<210> 551
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 551						
gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgaggt	caagcctgta	60
atcccaacac	tttgggagac	cgaggtgggg	gtatcgattg	agcctcggag	gtcgagatca	120
gcctgggaaa	cacagggagg	cccccatcgc	tacaaaatat	tttaaaaatt	agccaggtgt	180
ggtggcttgt	gcttggtgtc	ccggctactt	gggaggctga	agtgggaggg	tggtttgagt	240
ccaggagttc	actgcactga	gctgtgatca	caccactgca	ctccagcctg	gacgacagag	300

<210> 552
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 552						
cgcaaaactgg	ctaattctctg	ntananaact	atgatntnccg	ccatnatggt	gatannaggg	60
nccttagggg	gnanatngna	aaaaacctnt	gaccnangcn	cnnatganc	aangnnttgn	120
tactccacgt	gtaatgcntc	ncaaacnttg	ncntatngct	ctgaanacnc	tncgcgacca	180
ngaanaatan	anaagannct	gnanannatg	ctanantttt	ggccnanana	atgaacgagg	240
ctaaagagat	tcncttggan	cnaannnttg	aatagantca	tactttcctn	tctgctagct	300

<210> 553
 <211> 297
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(297)
 <223> n = A,T,C or G

<400> 553

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aggaagttga agctgcaatg ggctatgac gtgccactgc accccagctt gggccacaga      60
gcaagagcct gtctcaggaa aannnnnnnn naaaantcca aaantanttn gnangttcca      120
aattgcnngc cnttctgana aangnaatac gancnaatct tccacntcn tactcctcc      180
cacctaanat gngaaccctn tttgnccann ggntccaaac ngnatnngct acttgngngt      240
tagnaatcaa ccannkatan cagggnanct tttaacgnag gagtgccttn ntgggta      297

```

```

<210> 554
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 554
ttattcaagt gtcagaatta actgttcaaa atgttctgaa tcatgtagat acatggcagg      60
taactgttta tgggagaaaa gtacagtgtc gttacgtggc actgtacagt catgtgccac      120
gtaacagcgt ctgggtcagt gacggacact tacctgacag cggatccaca atattctcgt      180
gcagtgtgtt tggaatcctg gtctgggctc tcgtcgttgg cctttagat caagtagggg      240
aagtgagtga tgttcagtca tgctgctggg acacttgggt atccagatga aaacacataa      300

```

```

<210> 555
<211> 273
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(273)
<223> n = A,T,C or G

```

```

<400> 555
ctctatcttg tttattgttg atgccatctt agaggaaaaa atgtaaaggt aagtaattaa      60
gcatatgaca gcaacaaata agatacttat aacctaatgg gactttatct ttagtattta      120
tgtattacaa aaaatccacc tttctctaag ggaagtttgt accccattga ttcttggtgc      180
ctttgggata gactgggttt taatggccta gttatttgag gattttgctg ngntgtnnnc      240
atggncnttn ngatnncctt nganganann nnc      273

```

```

<210> 556
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 556
gtgccatctt gctatgtttc ccaggtcggg tttgaactcc cagcctcaag caatcctccc      60
tttcgcctc agcctcccaa gtggctgggg ttatgggcct gagccactac acagctaaga      120
gtgtcttgta tgtgctaata agatggctgg tgtctgagag cccctagaga gcttcaagat      180
gggggctagt ctttagaaaag tccaagcaat ggctaggat ggtggccact gcctgtaatc      240
ccaggagttt gggaggccaa ggtggacaga tcacctagga gtttgagacc agcctggcca      300

```

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<210> 557
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 557
ttctcagata cctgatggat ccagacacat tcactttcaa ctttaataat gaccctttgg      60
tccttcgacg gcgccagacc tacttggtgt atgaggtgga gcgcctggac aatggcacct      120
gggtcctgat ggaccagcac atgggctttc tatgcaacga ggctaagaat cttctctgtg      180

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gcttttacgg ccgccatgcg gagctgcgct tcttggacct ggttccttct ttgcagttgg 240
 acccgcccca gatctacagg gtcacttggt tcctctctg gagcccctgc ttctcctggg 300

<210> 558
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 558
 gtactccagg ttgtgtttgt gaatcaagat gaacagcccg ttcaaggcca agaggctgag 60
 ggcccccccg aggtcgccag cgcggttgag gaagtcgac atgagcgtgg gctgcgccag 120
 ctgcggcagg atggcgatcat gcacaatcag cagcaccttc ttgtagaggc tgaggggcag 180
 cttgtgcttg aggaagctga gccacatggc ctggaaaacc ctctgtgct ccttcagggtg 240
 agcaacctct cgtgccgaat tcgaatcgat gggatcctgc aaaaagaaca agtagcttgt 300

<210> 559
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 559
 gaaaacatct aactaagatg gtttcactgg tgaattcaat caaatattta aggaacacat 60
 aataccaaaa ccataacaca tacaatatata tggcccttca gattttgtac ttctttttgt 120
 gtcagtgtta ataatacgta tctttcaaag aatatccccc tttttttttg gtagagatag 180
 ggttttgcc a tgtgtttgg agcaagccct aaccctgtca taaacaggcc ttaaataaac 240
 tggccataaa caggatttct gcagcaatgg gacatgctca tgatggctgt catgcacact 300

<210> 560
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 560
 acactgtccc actccatcac ccaggctgga gtccagtggt gtgatcatag ctgctgcat 60
 cctccagttc ctgggttcaa gccatccctc ctgcctcagc ctcccagta gctggaaacta 120
 caggtgtgtg ccatcacacc tggctttaca tttttctgtg gggctctact atgttgccca 180
 ggccggtctc aaactcctga gctcaagtga tcctctgcct cagcctccag agtatctggg 240
 attacatatg tcggctaccg tgtctggccg ttcacatctt tggccactat ttgcttgtga 300

<210> 561
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 561
 aatgagaaa aaggaggaat ctgaagcctt gggtaaggat ttggggcaca gtaccaggag 60
 gggggcttgg tgccagacct catgaggaag aaggattttc ctatgtacag agaaggggac 120
 cctgtcctgt tgggaggtgc tgtgcaaacc taaccaagtt actaaccct ctgttttatg 180
 tgctacaaa aggggataaa tacaagcttc cctctctagc caattctatt tggttcctga 240
 gtttggaataa gtgatagata ctgattttct atgattttat gaggacttaa ataagctcct 300

<210> 562
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 562

ggaggacgag	gaggaggacg	acgaagagga	ggaggaggaa	aaggaggtgg	aggagcagca	60
gcagcagctg	cagcagctaa	tatgtttgtac	ttatttctgtg	ctggggcaaaa	ttctggatat	120
ttttcatgta	ctattttaagc	ctcacaaaaa	tcttatgata	taggaaatgc	ttgtttccat	180
ttggcacatg	aagaaactga	agaacagaga	aatgatgaaa	cttgcgagg	gtagtctgtc	240
cagagtctgt	attttaacta	ctgctgtgtt	gcctcccatt	gcatagtac	ttcacgtgta	300

<210> 563

<211> 300

<212> DNA

<213> Homo sapiens

<400> 563

gcctattccag	ttcctggtaa	gggctgtctt	cctggcttgc	agttgaacta	cttcttctgt	60
tgtcttcaca	agcatgcccc	catcctgtgc	cgataagaac	tccagacccc	aaactcagct	120
catacacaca	cggaagagag	aagcatctga	acatcaagaa	gagaagaagc	tgctggacat	180
cagaaactgt	gaaaggagag	gagtttggct	gagctccagg	ggaagactgc	ctgcacattc	240
tatccccctt	tcagttcccc	atcctgctgt	cagccacatt	taccactcaa	taaaatcttc	300

<210> 564

<211> 299

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(299)

<223> n = A,T,C or G

<400> 564

gagaagccaa	gggagaggag	gaggaggaaa	ctaacgattc	cctgcccacc	cccacaccca	60
gcaccaccaa	caggtgggca	agcttgccga	gaaaacgcag	agggcatcct	gtgagcagca	120
aacactctga	gnnnnnnnnaa	gacgcagaga	agtaaagatc	aaagcgctac	tncangatcc	180
cgtaccagac	tcaagccatg	gctggtcctt	tctccgtctg	ctgtccgccc	gcccggactc	240
agcttctggt	tttggccgag	cggtctctac	ccgtgggttt	ctgctccgac	ggaacctgt	299

<210> 565

<211> 300

<212> DNA

<213> Homo sapiens

<400> 565

cttgagccca	ggagttcaag	tccaacttgg	gcaacatgac	aagacccttg	tctctttaaa	60
aaagcaactc	aaaccatgtc	ttgaaaagct	atttaatggt	cagacacgat	ggctcacgcc	120
tgtaatccca	gcacttttggg	aggccgaggc	aggcggatca	cttgaggtca	ggagttcaag	180
accagcctgg	ccaacatggc	aaaacccagt	ctctactgaa	tgaaaataca	aaaattagct	240
ggcctagcag	ttgggtgggtg	caggtgcctg	tagtcccagc	tacttgggag	gctgaggcag	300

<210> 566

<211> 300

<212> DNA

<213> Homo sapiens

<400> 566

attttgcttc	ccttgctcta	gagagagtat	caaggcccag	ggggccaccg	gcgaggtgta	60
ttgcccagc	ggagagaaat	gccccctagt	cggtgcgaat	gtaccttggg	ccttcatgca	120

```

gggcgaaatc ggcactatct tagctgggga tgttaaagtg aaaaaggaga gagacccttg 180
aaccactggg cagccacctc ctttgcccta gaccagctcc tctccaatcc tgagggcccc 240
tcccccaacc caactcgacc ctccctcccc tcacccccaa ggtgtagaat tgtgaatata 300

```

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<210> 567
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 567
tcaagtgtca gaattaactg ttcaaaatgt tctgaatcat gtagatacat ggcaggtaac 60
tgtttatggg agaaaagtac agtgctgtta cgtggcactg tacagtcacg tgccacgtaa 120
cagcgtctgg gtcagtgcag gacacttacc tgacagcgga tccacaatat tctcgtgcag 180
tgtgtttgga atcctgggtc gggctctcgt cgttggcctt gtagatcaag taggggaagt 240
gagtgatgtt cagtcacgtc gctgggacac ttggttttcc agatgaaaac acataaataa 300

```

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<210> 568
<211> 300
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

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<400> 568
gctcttgttc tttntgcagg atccttcgat tcgtttaagg aaaaccagca aataacaaga 60
aaaccattta atgtaaagat ttgtaaataa tcacttcaaa agaagtgcct tgttgctgtc 120
acatttagtc catcttcata taattcttat ctgggccagt ttcttgggca tgggacatgt 180
gcagttacac aagcctgtgc tcttaagagg gtcttaccca tagtttaatg ttctgctgtt 240
gtagtcttga aattcttaat gatttaacaa ggggtcctcc attttcattt tgcactgggc 300

```

```

<210> 569
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 569
aagcagcttg gggctcactc cccctccacc ttgctgacca cctcctatgtt ctttaatacc 60
aagtacttcc tattgaagac agtggaccag cacatgaagc tggccttctc caaggctctg 120
cgacagacaa agaagaaccc ctctaattcc aaggataaaa gcacgagtat ccggtacttg 180
aaggcccttg gaatacacca gactggccag aaagttacag atgacatgta tgcagaacag 240
acggaaaatc cagagaatcc attgagatgt cccatcaagc tctatgattt ctacctcttc 300

```

```

<210> 570
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 570
cccaggatga actggttgca gtggctgctg ctgctgcggg ggcgctgaga ggacacgagc 60
tctatgcctt tccggctgct catcccgctc ggctcctgtg gtgcgctgct gcctcagcac 120
catggtgcgc caggtcccga cggctccgcg ccagatcccg cccactacag ggagcgagtc 180
aaggccatgt tctaccacgc ctacgacagc tacctggaga atgcctttcc ctccgatgag 240
ctgcgacctc tcacctgtga cgggcacgac acctggggca gtttttctct gactctaatt 300

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<210> 571
<211> 300
<212> DNA
<213> Homo sapiens

<400> 571
gttgcttttca aaagacacat atcaccatag tacatgtaat aacacacata ggctcaaagt 60
aaaggggtgg cgaaagatct gttatgcaga tggaaaaaaa gatcaggggt cactattctt 120
gtatcagata aacagactt tttaaataca caacagtaga aaaaggacta gggcattaca 180
taatgaagaa gggttcaatt caacaagatt tatectatac acaccaaga ttggagcact 240
cagatttcta aaactattat ttctagacct agggaaaaga ttaaaccggc acataataat 300

<210> 572
<211> 300
<212> DNA
<213> Homo sapiens

<400> 572
gaaagaccga gatagagaga gagacagaga cagagagcga gaccgtgatc gggacagaga 60
aagagaacgc accagagaga gagagaggga gcgtgatcac agtcctacac caagtgtttt 120
caacagcgat gaagaacgat acagatacag ggaatatgca gaaagagggt atgagcgtca 180
cagagcaagt cgagaaaaag aagaacgaca tagagaaaga cgacacaggg agaaagagga 240
aaccagacat aagtcttctc gaagtaatag tagacgtcgc catgaaagtg aagaaggaga 300

<210> 573
<211> 300
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)... (300)
<223> n = A,T,C or G

<400> 573
ggctgcgagg ttttcggctt tggctcctga tatgcagcga cagaattttc ggcccccaac 60
tcctccttac cctgggtccg gtggaggagg ttggggtagc ggaagcagct tccggggaac 120
cccgggcccgg ggcggaccac tgccgacctc tnnnnnnnnn nggnacggna ntacnaataa 180
cncnccaccg tacgcgcctt natecnngnc ntaccgtnc aggtgctnnn naagntncac 240
caggccctaa ccgggggttct ggcnngancnc aatggccctg aangacgccg ncnagaccg 300

<210> 574
<211> 300
<212> DNA
<213> Homo sapiens

<400> 574
agattatgag catgtagaag atgaaacttt tcctcctttc ccacctccag cctctccaga 60
gagacaagat ggtgaaggaa ctgagcctga tgaagagtca ggaaatggag cacctgttcc 120
tgtacctcca aagagaacag ttaaaagaaa tatacccaag ctggatgctc agagattaat 180
ttcagagaga ggacttccag ccttaaggca tgtatttgat aaggcaaaat tcaaaggtaa 240
aggtcatgag gctgaagact tgaagatgct aatcagacac atggagcact gggcacatag 300

<210> 575
<211> 300
<212> DNA

<213> Homo sapiens

<400> 575

gtccgaagaa	aaagactgtg	gtggcggaga	tgtctctctc	aatggcatca	agaaacacag	60
aacaagtttg	ccttctccta	tgttttccag	aaatgacttc	agtatctgga	gcatcctcag	120
aaaatgtatt	ggaatggaac	tatccaagat	cacgatgcca	gttatattta	atgagcctct	180
gagcttccta	cagcgcctaa	ctgaatacat	ggagcatact	tacctcatcc	acaaggccag	240
ttcactctct	gatcctgtgg	aaaggatgca	gtgtgtagct	gcgtttgctg	tatctgctgt	300

<210> 576

<211> 300

<212> DNA

<213> Homo sapiens

<400> 576

aagagaagct	gagacttctg	cttccacacc	ccctgcaagt	gctttcttga	aggcctgggt	60
gtatcggcca	ggagaggaca	cggaggagga	ggaagatgag	gatgtggata	gtgaggataa	120
ggaagatgat	tcagaagcag	ccttgggaga	agctgagtca	gacccacatc	cctcccaccc	180
ggaccagagg	gcccacttca	ggggctgggg	atatcgacct	ggaaaagaga	cagaggaaga	240
ggaagctgct	gaggactggg	gagaagctga	gccctgcccc	ttccgagtgg	ccatctatgt	300

<210> 577

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 577

actcgagacg	ctgaggcagg	agaatcgctt	gaacccggga	ggcggagggt	gtagtgagct	60
gagatcgctg	cactgcaccc	cagcttgggc	aacagagcaa	aactctgtct	ttaaaaaaaa	120
annnnnnnnn	nnnnnaacaa	acaancaaaa	aaaaccttat	atggncctgg	ctgggcgtgg	180
ngccttatgc	ccacaatccc	agcnttttgg	naggccagga	tgggaggatn	acttganccc	240
anaantttga	naccagcctg	ggctacanag	tanggcccn	tntntacaaa	aaaaccttaa	300

<210> 578

<211> 300

<212> DNA

<213> Homo sapiens

<400> 578

ggtagactgg	ctagggatcc	tggacccagg	gttccacgta	gcaacacctg	ctgagttctc	60
tgggttttct	tcctgcctca	tgtagccag	acttggagct	gaagaagctg	gaaacatgga	120
aacaccaaca	gctacagacc	aaaaaaagtc	ccaacaaagg	cctgtcagtc	tgccagcctg	180
ttctgtggat	ttccaactca	agattgcagc	atcaactcac	acctgaagtt	ctggcttccc	240
tacaaacttt	gaacttgcca	gtccccacaa	tggcataagc	caattcctta	aatgaatgt	300

<210> 579

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 579

ggcagacccat	ccacatcagt	ttcagagaaa	aacaataatc	ttgtttgtgc	cgtgatgaag	60
aggactgaca	gctagcagca	gaaacaatag	tcacggaggt	tgagaacagg	ctgggttaaca	120
tggtgaaatg	ccatctctat	taagaataca	aaaattagct	aggtatggtc	gcagacaccc	180
gtaatcccag	ctccttgagg	ggctgaggtg	nnnnnnnnnn	ttgaaccenn	gaggnngnag	240
ctgctgtnnn	cnnagactcgn	nataatnactg	cacctgggng	actgcagtga	anctttatct	300

<210> 580
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 580

atacactgca	tttgctggtg	ctgtttttat	atagtgaagc	aacagctgta	cagcaaaaata	60
ataaaatact	cacttcttcg	ttaaaaaaa	aaaaatttac	ttcttacaat	tctggaggcc	120
aggaagacca	tgatcaggtg	ccagcatctg	ggaaggccct	tcttgctgtc	ctcccatggc	180
agaagatgga	agggcaagg	agagctaaca	tgctcccgca	aacccttttt	ataatggcat	240
caatcaaata	tgaggccaga	gtccttgtga	cctaatacatc	tcccaaaagg	ctccgcctcc	300

<210> 581
 <211> 283
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(283)
 <223> n = A,T,C or G

<400> 581

gtcctaaagc	cgctgaagca	aaaaccatga	taaaacattc	tgctttcttt	tcttttacia	60
ccccacgaac	gcaaaaaaaa	aaaaaaccaa	aaccaaacca	aaaaaaaaaa	nnnnnnnnnn	120
nnnnnnnnnt	nttngnngna	aaaanggggt	ttgnncnngg	nannaaccan	tnnaantnna	180
aanntnncaa	anaggggtna	nctttntnnc	tnancttttn	aaaangttna	tnnnaatnnc	240
cngnnaaanc	cancnnggt	tngcctnna	aaggtnacct	aaa		283

<210> 582
 <211> 283
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(283)
 <223> n = A,T,C or G

<400> 582

cccaachata	gccttttcna	nnnttaaagg	tttttgnant	netgggccnt	ncngacgtna	60
nnctnanch	nttttttaag	cnggtttgcc	nggggnncng	gtggnnnnntn	nggggtnttt	120
ggtnnctggg	ggcnananch	acttncctnc	cccgggccat	ncntnnnnnn	nnntgtagga	180
aagttcttca	cttttttctc	tgagggctgg	gggttggggg	agtcagcatg	attatatatt	240
aatgtagaaa	atgtgacatc	tgatataaaa	atgaaaataa	atg		283

<210> 583
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 583
 gtcgtcttta atttgtctca tcagtgcctc catgtgtttt tgatgccttt gaactgggtat 60
 ttttaaaatt tcaatttcta attgttcatt atagaaacac aattgggttt tatatattgg 120
 cattgtattt tgcaactttc ctaaactcac tagtaattct agtagctttt tttggtagat 180
 tcttaaggat tttctgtgta aatagtcatt tcatttgtga ataaagccat tttttttcc 240
 ttttcaaatt ttgtgccttt tatttcttat tcttaccata tcacattggc aaagacctcc 300

<210> 584
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 584
 aaaatggaga agccaaaatt acagaggcac cagcttctga aaaagaaatt gtggaagtaa 60
 aagaagaaaa tattgaagat gccacagaaa agggaggaga aaagaaagaa gcagtggcag 120
 cagaagtaaa aaatgaagaa gaagatcaga aagaagatga agaagatcaa aacgaagaga 180
 aaggggaagc tggaaaagaa gacaaagatg aaaaagggga agaagatgga aaagaggata 240
 aaaatggaaa tgagaaagga gaagatgcaa aagagaaaga agatgaaaaa aaggttaagac 300

<210> 585
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 585
 gtccagaaat actctgatac tagctatggc cagcaacatt taatgaaaac ccttatgtta 60
 aaaataaacc cctgcctcct ggcttcaagc gattctcctg cctcagcctc ctgagttagct 120
 gggagtatag gcacgtacca ccacaccag ctaatttttt gtatttttac tagagatggg 180
 tttcacagtg ttagccagga tggtttcgat ctctgacct catgatccga ccgcctaggc 240
 ctcccagagt gctgagatta caggcgtgag tcaactgtgc cggcctcnnn atgttaggaa 300

<210> 586
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 586
 caagggcctc tggatggaat gtgccacaca cagcacaggc atcaccagc gtgacatcta 60
 tagcaccctt ctgggcctgc ccgctgacat ccaggctgcc caggccatga tgggtgacatc 120
 cagtgcatac tcttccctgg cctacttctc aagcttccct ccaaagaaac tgattggccc 180
 tggaaacctc atcccactct tggtatgact ccacagtgtc cagactaatt tgtgcatgaa 240
 ctgaaataaa accatcctac ggtatccagg gaacagaaag caggatgcag gatggaggac 300

<210> 587
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 587

ggactaactt	acagaggagc	tgtgtatcct	gaagattcag	cgactggcaa	ggaatttcct	60
tgggagcaat	gtgtgagga	ggccatctga	ggagatctgt	ggctttcttt	tggtgtggga	120
atctggctta	tggatgaatc	tacgacacag	gattgtgaaa	ttacagctct	ttgggaacaa	180
aaggaaggca	gtattgcatg	acttagtttc	ccagcttcac	ttccctttg	gcatgggtgag	240
tttggggctt	tgagagtcta	ttttctttca	cacctatcag	cactgttaag	taagcaggaa	300

<210> 588

<211> 300

<212> DNA

<213> Homo sapiens

<400> 588

aaaaacctgg	gtatgtatct	agaagtggaa	aaacaaaaaa	aggaaataag	ttatgaaaat	60
aaaaaccatg	tcttgagctg	ggtgcgctgg	tgtgtgccta	tatccctaga	ttctcaagag	120
gttgagacag	gaggatcact	tgagcccagg	agttcaagtc	caacttgggc	aacatgacaa	180
gacccttgtc	tctttaaaaa	agcaactcaa	accatgtctt	gaaaagctat	ttaatgggtca	240
gacacgatgg	ctcacgcctg	taatcccagc	actttggggag	gccgaggcag	gcggatcact	300

<210> 589

<211> 300

<212> DNA

<213> Homo sapiens

<400> 589

cctcctactc	ccaaacaaat	ctttggggaa	aaaaaaaacta	ccaactgtca	gccatggggcc	60
tgacggcgct	aagctctggg	gtcccgctga	ctgacgtggg	gccagccaca	gggaggcggg	120
gatcaagtag	cggaggccag	gattttggcc	acctcccggg	caagttgcag	ggcagtggcg	180
ccgggagcaa	aagcagcatg	atgcagctca	tgcacctgga	gtccttttat	gaaaaaacct	240
cctcctgggc	ttatcaagga	agatgacact	aagccagaag	actgcatacc	agatgtacca	300

<210> 590

<211> 300

<212> DNA

<213> Homo sapiens

<400> 590

ggggcggagg	cgggagaggc	gagctcgcca	tgagtggctc	cggcaggctc	ttcgggaagg	60
ggaagaagga	gaaagggcca	accctgaag	aagcaatata	gaaactgaag	gagacagaga	120
agatactgat	caagaaacag	gaatttttgg	agcagaagat	tcaacaggag	ctacaaacag	180
ccaagaagta	tgggaccaag	aataagagag	ctgccctaca	ggctttgcgg	aggaagaaaa	240
gattcgaaca	gcagctggca	caaactgacg	ggacattatc	cacctgggag	tttcagcgtg	300

<210> 591

<211> 300

<212> DNA

<213> Homo sapiens

<400> 591

gagaagctga	cgggcatgtg	gtggaaacag	ctgggtggccg	gcgcagtggc	aggtgccgtg	60
tcacggacag	gcacggcccc	tctggaccgc	ctcaaggctc	tcatgcaggc	ccatgcctca	120
aagaccaacc	ggctgaacat	ccttgggggg	cttcgaagca	tggtccttga	gggaggcatc	180
cgctccctgt	ggcgcgccaa	tggtattaat	gtactcaaga	ttgccccga	gtcagctatc	240
aagttcatgg	cctatgaaca	gatcaagagg	gccatcctgg	ggcagcagga	gacactgcat	300

<210> 592
 <211> 275
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (275)
 <223> n = A,T,C or G

<400> 592
 gaaatgtgta tttcagtgac aatttcgtgg tcttttttaga ggnnnnnnnnn nnnatatacct 60
 tggctttnta ggcnatatgc tcanagtgcg acagcggnac cntgccctca natncttacn 120
 naagctttga ntaggnccat nnnnngctac ntccctgaan tectnccnnc cctcactggc 180
 tgccctnaca ngccanctga cgantgncct taaaggcatt aacncgcntc nnttggtgng 240
 tcttcnggct tanggaganna agaggtggct ctgga 275

<210> 593
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 593
 tgacattgtc agtgtgaaat ttaacagact ttgggttttag gagttaggtt tagggtgcag 60
 acctaaagtgt gcagttgaca tgccttggtt ttataggagg atatacatcc tgaaagtttt 120
 agggactggc aaagaattta ctgctgagca atttgtgatt gcagtcacct ggagattcat 180
 gaggtctttt gcctttttgt ggggatctgg ttaatgcata atattttgac acaaggttgc 240
 aaggtaacag gtatccattt gggaaaagaa tgacagtttt ggagaacatt agttctgcag 300

<210> 594
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (300)
 <223> n = A,T,C or G

<400> 594
 acctaagact gctttgaaac ataaagtaat aatnaaanaa atgggctggg tgtgggtggnt 60
 tatgcttata atcctagcnc tttgggaggg tgaggcggga ggatcntttg agctcaggag 120
 ttttagaccn gtttgggagg tcccagttat caggaggctg aggtgagagg gattacttgt 180
 gcccgaggag tcaaggctgc agtgagctgt gattgtgcca ctgtactcca gccctggcaa 240
 cagagagaga accctgtctc aaaagaaagg gggggggagg aacggaggaa ggggaaggagg 300

<210> 595
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 595
 attatggtgg aaggggaagc aaatgcctta cttcacatgg tggcaggaag gagaagaatg 60
 agaaccaaag gagggagaag ccccttataa aaccatcaga tcttggtgaga acttactatc 120
 atgagaatag catgggggaa actgccctgt gattcaatta cttcccacta ggtcactccc 180
 accatacatg gagattatag gaactacaat ttaggatgag atttggtggtg gaacacagcc 240

aaaccatatac aagtattaac agcagaatta accaagctga ggaaagactc tcagagctca 300

<210> 596

<211> 300

<212> DNA

<213> Homo sapiens

<400> 596

gcataacgaa cctaaccctc agaggtttac caagattcaa aacacgaagc tgaccatgaa	60
gcgggacggc attgggtcag tgcggtacca ggtcttggag gtgtctcggc aaccactctt	120
caccaatatac acagtggaca ttgggcggcc tccgtcgtgg cccctcggg gctgacacta	180
atggacagag gctctcgggt ccgaagattg cctgccagag gactgaccac agcctggctg	240
gcagctgctc tgtggaggac ctccaggact gagactgggc tctgttttcc aagggtcttc	300

<210> 597

<211> 300

<212> DNA

<213> Homo sapiens

<400> 597

agacaaccca gaaacaaatt catacatcta tgggtgaccac ttttgacaaa ggaatgaaga	60
acatacactg gggaaaagat aatgtcttta ataaatgggtg ctgggaaaac tggatatcca	120
tatgcagaag aatgaaacta gacccccatc tcttagcata taaaaaatc aaaattaatt	180
aaaaagttaa atctaagacc tcaaactatg aaacagctaa aagaaaacat cggggaatct	240
ctccaggaca ttggagtggg caaagatttc ttgtgtaata cctgacaaac aggcaaccaa	300

<210> 598

<211> 300

<212> DNA

<213> Homo sapiens

<400> 598

ggtatttggt cttgaaccac acccgttcga tcttagagtt ctcttttctg ctgggtcatga	60
tggaaacgtg atagtgtggg atctggcaag aggagtcaaa atacgatctt atttcaatat	120
gattgaaggc caaggacatg gcgcagtatt tgactgcaaa tgctctcctg atggtcagca	180
ttttgcatgc acagactctc atggacatct tttaattttt ggctttgggt ccagtagcaa	240
atatgacaag atagcagatc agatgttctt tcatagtgat tatcggccac ttattcgtga	300

<210> 599

<211> 300

<212> DNA

<213> Homo sapiens

<400> 599

agaaagatca ctgctgttta cagcgccttg tgcagcctta gattttaata ttcttttgtc	60
attgttacat ctcatagagt aaagctctta ttaccttgat cctgagtcag aaatcccacc	120
tgaaatcacc ttttttcccc cttgatcaaa catcccatcc ttcagctacc atactgttgc	180
tacagggatt ttgtggactg tggccctgt cccgaggttg gcaccttcag ttcagcacag	240
cctgagcagt gagaaggtct gaaaggagag tatatagtta agatccttga gaaagggctg	300

<210> 600

<211> 300

<212> DNA

<213> Homo sapiens

<400> 600

tttggattga	ttcaggagaa	atttgactg	atggctcaga	aggcttacgt	catggagagt	60
atgacctacc	tcacagcagg	gatgctggac	caacctggct	ttcccgactg	ctccatcgag	120
gcagccatgg	tgaagggtgt	cagctccgag	gccgcctggc	agtgtgtgag	tgaggcgctg	180
cagatcctcg	ggggcttggg	ctacacaagg	gactatccgt	acgagcgcat	actgcgtgac	240
acccgcatcc	tcctcatctt	cgagggaacc	aatgagatcc	tccggatgta	catcgccctg	300

<210> 601

<211> 300

<212> DNA

<213> Homo sapiens

<400> 601

ggatattcat	taccctgaga	atgaaatgac	ctgcaattcg	aaaatcagct	gtatcagttg	60
gagtagttac	cataagaacc	tgtagctag	cagtgattat	gaaggcactg	ttattttatg	120
ggatggattc	acaggacaga	ggtcaaaggt	ctatcaggag	catgagaaga	ggtgttggag	180
tgtagctttt	aatttgatgg	atcctaaact	cttggcttca	ggttctgatg	atgcaaaagt	240
gaagctgtgg	tctaccaatc	tagacaactc	agtggcaagc	attgaggcaa	aggctaattg	300

<210> 602

<211> 300

<212> DNA

<213> Homo sapiens

<400> 602

gccttttgtg	gggtctcata	cataactcag	tttccacaaa	gctgtgcccc	agctcagccc	60
tatggataga	agcatggtct	ggggttcctt	tgctgaccag	ggtgtgtgct	ttgtccaagt	120
tactgacctt	cccaaaccct	atcaatgcac	ataaaaagag	cacttgcaaa	caatgaatct	180
agacatggac	cttcacaaag	aaataactca	aaatggatcc	caggcctaaa	tgaaaaatga	240
aaaactataa	aactcctaga	agataacata	aaagaagatc	tagatgacct	agggtttggc	300

<210> 603

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 603

ttaatatggg	aacncngtt	tctaactgtc	atnccecccn	ccccaacacc	cccaanncag	60
cagttttntt	caccgctgc	agcgttccg	tnccaaacan	agggccncnc	ananncccn	120
cgntntatat	aaggaggaaa	acgggaaaga	atataaagtt	aaaaaaaaagc	ctccggnttc	180
cnctactgng	tanactcctg	ntttttcaag	cnctgcaga	ttttgatttt	tttgntgntg	240
ttgtntccn	ccnttgctgn	tgntgcaggg	gtactattgt	ttaaaaacag	gaaaaaaaaat	300

<210> 604

<211> 300

<212> DNA

<213> Homo sapiens

<400> 604

cttactttga	tcctcgtgag	gcatacccg	atggaagtag	caaagaaaag	agaagagcag	60
cagttgccca	ggccttagct	ggcgaagtca	gtgtggtgcc	tccatctcgt	ctcatggcat	120
tgctgggaca	ggcactgaag	tggcagcagc	atcagggatt	gcttcctcct	ggtatgacca	180

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tagatttggt tgcaggcaag gcagctgtca aagatgtgga agaagaaaag tttcctacac      240
aactgagcag gcatattaag tttggtcaga aatcacatgt ggagtgtgct cgattttctc      300

```

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<210> 605
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

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```

<400> 605
gaacattcgg actcgagata atcgtcgcct tggggagtgg gacttgccctg aggctgtgca      60
gctgactggg ggagctaccg aacacgaggg tcccatatgc ccgaagaaaa tttctggccc      120
tttgtagata catgacgcca accactgcga gtgccatcag ctctctcttg ttgnnnnnnn      180
cccccgnnat gntgacgntg nngannnctt anacnctttt nnnnctnnga aaggaggntt      240
gattgcngnt nccctgagat ntggcttccc aagagcactt attgaccctt cctcaggcct      300

```

```

<210> 606
<211> 298
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(298)
<223> n = A,T,C or G

```

```

<400> 606
cccccgant aaggntgnnn tatnntnncc anaaaaaann gggncnatna tgnngtcgng      60
aaggntnngg aacaacaagg actgcntnat tggaaagnngn cncaggnttg aanccaaagn      120
taaangagtg aatnaggtgn tnntggggaa tgaccngctc atggagatnt gagttctgag      180
caagtcagac tccttccttt tggcctccaa agccacagat gttgcccggc ccacctgttt      240
aactctgtat ttatttccca ataaagaagg gcttccaaag gcatgctgga gacttgtg      298

```

```

<210> 607
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 607
atggtgtttt cacctggaag ctgagaagaa aggggcttta atggaacaaa tagcacatca      60
agctgttgta atgcagttta ttatggaaat ggccaaaaac tgtaatgtgg atccaagagg      120
gtgttttcgt ttatttttcc agaaagccaa agcagaggaa gaaggttatt ttgaagcatt      180
caaaaatgaa cttgaagctt tcaagtcaag agtaagactt tattctcaat cacaaagttt      240
tcaacctatg acagttcaga atcatgttcc ccattctggg gttggatcta taggtttatt      300

```

```

<210> 608
<211> 296
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

<222> (1) ... (296)
 <223> n = A, T, C or G

<400> 608

atccagggtgt	ttctgatgca	cagtgaaatt	ggggtaccac	tggtattagg	ttgggtatgg	60
caactttttc	atcacttggt	ttatgtagtt	gtctgatcaa	ttgtgaaaac	ataatgaatg	120
ttggaaatgg	aacagtaaaa	taacgaaagc	caactttttt	tttttttttt	ttnnnnnnnn	180
nnnnnnnnnt	tnnccccng	ncngnanngc	aggggcccaa	nntnggntnn	ntgnancnc	240
cncncccggg	ntnnnccct	ttntcnngcc	taaccnccc	nagnacnngg	aactac	296

<210> 609

<211> 300

<212> DNA

<213> Homo sapiens

<400> 609

cgacaatcag	tgattttgct	gtattttctca	caatagtaat	aatgggtaca	attgactacc	60
ttgtaggagt	tccatctcct	aaacttcatg	ttcctgaaaa	atttgagcct	actcatccag	120
agagagggtg	gatcataagc	ccactgggag	ataatccttg	gtggaccta	ttaatagctg	180
ctattcctgc	tttgctttgt	accattctca	tctttatgga	tcaacaaatc	acagctgtaa	240
ttataaacag	aaaggaacac	aaattgaaga	aaggagctgg	ctatcacctt	gatttgctca	300

<210> 610

<211> 300

<212> DNA

<213> Homo sapiens

<400> 610

agaataacta	ccagacaaca	tttgttaaaa	ctcaggacag	tatgtatttt	aaataagcaa	60
gtgcatgtgt	gaaaatggct	cattcagttt	ataaaatatt	acattaaatt	tgaggtttct	120
gttttttttc	ttttgtgaca	gtcttgctct	gttccccatg	ctgtattgca	gtggctccag	180
ttcacctcac	tgtaacttcc	acatcctggg	ttcaagcaat	ttgtgcctca	gcctcccaag	240
tagctgggat	tacagtcag	ccaccatgtc	cagataattt	ttatattttt	ttgtatagat	300

<210> 611

<211> 300

<212> DNA

<213> Homo sapiens

<400> 611

agatgggtta	aaacttaaat	gtcacatctg	aaacagtaaa	aatcctagaa	gaaatcctag	60
gaaaaactct	tctggacatt	ggcctaggca	aagaatttat	gatgaagacc	tcaaaagcaa	120
acataacaaa	accaaaaata	gacaaatgag	atttaattag	aaaaacttct	gcacagtaaa	180
agtaataatc	aacagttaat	agacaaccta	tagaatggga	gaaaatatat	gtaaattata	240
catctgacaa	agaactaata	tccagaatct	acaaagaact	caacaagaaa	aaaaccaacc	300

<210> 612

<211> 300

<212> DNA

<213> Homo sapiens

<400> 612

tcctggctgt	taggatttgt	togtgttttg	gagaccttta	gagcgtgggt	aaacccatat	60
gttgggattt	atgctgcttt	tatggtagca	ataccctata	ttaagatttg	aagtagacct	120
ggaaagttag	tggccgggta	gctcagttgg	ttagagcgtg	gtgctaataa	cgccaaggtc	180
gcgggttcga	accccgtagc	ggccagtggg	tggctttttt	ttgtgtgtgt	ttgtttttct	240

gaccctctgc tgttatccgg aagtttctac ccggagccag ttgccttctg gtaacagaat 300

<210> 613
<211> 300
<212> DNA
<213> Homo sapiens

<400> 613
aaaacataat ttctgtttca tggagatgaa tacaaggctg caagtggaac atcctgtttac 60
tgagatgac acaggaactg acttggtgga gtggcagctt agaattgcag caggagagaa 120
gattcctttg agccaggaag aaataactct gcagggccat gccttcgaag ctagaatata 180
tgcagaagat cctagcaata acttcattgc tgtggcaggc ccattagtgc acctctctac 240
tcctcgagca gacccttcca ccaggattga aactggagta cggcaaggag acgaagtttc 300

<210> 614
<211> 300
<212> DNA
<213> Homo sapiens

<400> 614
agacagtcaa gctgcattgc aacactgcat gtctgactaa cagcatacat tgtcctgaag 60
aagcatctgt aggggaatcca gaaggagcgt tcatgaagat gttacaagcc cggaagcagc 120
acatgagcac tcagctgact attgagtcgg aggcgccttc agacagcagt ggcattcaact 180
tgtcaggctt tgggggtgat cagcttgaaa ttcagctaac cgagcagcta cggtcctca 240
tccccaacga ggatgtgaga aagtccatgt ctcatgttat ccggaccttg aaaatggaat 300

<210> 615
<211> 300
<212> DNA
<213> Homo sapiens

<400> 615
tgggacatgc tcatgatggc tgtcatgcac actgcgaaaa gttgttggtt tactggagca 60
gggcaaggaa cacctggccc cgcccgagc aaaaaactgc tcaaaccaca aacgatagca 120
ggaaaggcct gtgccttggc agcatgtttt tgctgcagat aatcagccag agcctgtttc 180
tctgtcctc gctgagattg ctttgtttcc cataaagatt gcttttagct aatctacaat 240
ctatagaagc aatgcttacc actggctttc tgtcaataaa tgtgtgggtc aagctctggt 300

<210> 616
<211> 300
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (300)
<223> n = A,T,C or G

<400> 616
gctacctggg cggcgacggg ctggacgtgg acgtgccac gcgtctggag ggctgggtct 60
tctgcagcc cgcccgcaag ctgctctggc tgggtgtgca gcccttcttc tactcactac 120
ggccgctctg cgtccacccc aaggccgtga ccgcgatgga ggtgctcaac acgctgggtc 180
agctggcggc cgacctggcc atctttgcc tttgggggct caagcccgtg gtctacctgc 240
tggccagctc ctctctgggc ctgggcctgc accccaatng gggccacttc gtggccgagc 300

<210> 617

<211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 617
 ngnnattgag cccnttgaat cnagctactt gttctttttg caggatccca tcgagtccat 60
 ctcatatgag tgagaaagct taccagtgcg gcgaatgtgg gaaagccttc cgagggcact 120
 cggacgtttt ctaggcatca gagtcaccac agcagtgaga ggccttatat gtgtaatgaa 180
 tgtggaaaag ccttcagcca gaactcgagc cttaaaaagc accaaaagtc tcacatgagt 240
 gagaagccct atgaatgcaa tgaatgtggg aaggctttta ggcggagctc aaacctcatc 300

<210> 618
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 618
 ccccaacctg cactctaccc acccccatca cctactccag ctcccaactt ttgtggactg 60
 agcgccgcga gagactgggt cgccttggat tccctctgcc tccgaggacc ccaaaagaca 120
 cccccaaccc caggccagcc ggccctgctc tggcgcgtcc aaaatactac ctagcacagg 180
 cctctgctcg aggcaccccc aaactaccta tgtatccagc cccagagggc ctccattccc 240
 aggaagtccc tatgtatccc aacctgggca gacaccagc accacctccc cagaccgcga 300

<210> 619
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 619
 aattccgttg ctgtcgaatt gttcctgtcc tgccccaact gatcaatcga ccttgtgaca 60
 ttcttcttct ggacaatgaa tcttatgatc tcccaccat ggaccctgtg accccctcct 120
 ctgctgacaa tagataacca cctctaactg taacattcca ctgcctacct cagtcctata 180
 aagctgcccc tctcctatct accttcgctg actctctttt cgtactcagc ccacttgcac 240
 ccaagtgaat aaacagccct gttgctcaca aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 300

<210> 620
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 620
 agaatacaag ctacttggtc tttttgcagg atcccatcga ttcgaattcc gttgctgtcg 60
 aattgttctt gtctgcccc aactgatcaa tcgaccttgt gacattcttc ttctggacaa 120
 tgaatcttat gatctcccca ccatggaccc tgtgaccccc tctctgtctg acaatagata 180
 accacctcta actgtaacat tccactgcct acctcagtcg tataaagctg cccctctcct 240
 atctaccttc gctgactctc ttttctgtact cagcccactt gcaccaagc aataaacagc 300

<210> 621
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 621

actatagaat	acaagctact	tggtcttttt	gcaggatccc	atcgattcga	attccgttgc	60
tgctgaattg	ttcctgtcct	gccccaaactg	atcaatcgac	cttgtgacat	tcttcttctg	120
gacaatgaat	cttatgatct	ccccaccatg	gacctgtga	ccccctctc	tgctgacaat	180
agataaccac	ctctaactgt	aacattccac	tgcttacctc	agtcctataa	agctgcccct	240
ctcctatcta	ccttcgctga	ctctcttttc	gtactcagcc	cacttgcacc	caagtgaata	300

<210> 622

<211> 300

<212> DNA

<213> Homo sapiens

<400> 622

gtgggagggg	gtaggggggag	gaagtctgtg	gtgagcaaag	tttgcccttat	tacactgata	60
aagtgttaatt	acactaataa	agctggatca	cctgagggtta	ggagtttgag	agcagcctgg	120
ccaacatggc	aaaaccctgt	ctctactata	aatacaaaaa	ttagccaggt	gtggtggcag	180
ggcacttgtg	atcctatcta	ctcgggaggg	tgaggcagga	gaatcgcttg	aaccagggt	240
gtaaagggtg	cagttagcca	agatcatgcc	actgcactcc	agtctgggtg	tcagaatgag	300

<210> 623

<211> 300

<212> DNA

<213> Homo sapiens

<400> 623

caatctcaaa	gctggctcgag	aaaccacagt	ataaatcagt	tactggacaa	acttgaaatc	60
atgggtggaag	aaacagacag	tgtagctca	tgatttgatt	tggttctacc	tttggccttg	120
agttcttatt	atttacatta	taaatattaa	ctggttttat	attgttaaga	caaaacactg	180
gtaaaagttt	caacacctcc	cttttgcttg	tataccataa	atgggcagtt	tctgaaattt	240
tggtataaagc	atcaagaact	cctttttctg	aaacgttcc	ccttttttag	tgcttaatta	300

<210> 624

<211> 261

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (261)

<223> n = A,T,C or G

<400> 624

gtgaaagagt	tcatgacctc	cttgcccg	gcctggtgct	ctgcgatcaa	gggctgcaga	60
acctgtatga	gtgccttctt	gagctcaccg	gtgagcatgg	ctccgctggg	gtaatccttc	120
ctgatctgct	cgagcttgtn	nnnnacctgg	aggnttangg	tatnnnnat	ntttanang	180
cncgnatnat	nctgnancta	cncngtctgn	nacggtattn	angncnantn	ctatnatgna	240
annnnnnntn	ngngnctntn	c				261

<210> 625

<211> 298

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (298)

<223> n = A,T,C or G

<400> 625

ttttttttgag	acggagtcctt	gttctgttgc	caggctggag	tgcggtggtg	caatctcagc	60
tcactgcaat	ctccacctcc	tgggttcaag	aggttctcct	gcctcagcct	cctgagtagc	120
cggggagcta	caagcatgca	ccaccacacc	cagctaattt	tttttttttt	nnnnnnnnnn	180
nnnnntgtc	ncccaggett	gagtgcaggg	gcncnatctn	ggntnantgn	aanntntgtc	240
tcengggtn	atgcctttct	cctgnttnan	cntcccnant	antcccagga	ntagctgg	298

<210> 626

<211> 300

<212> DNA

<213> Homo sapiens

<400> 626

ggtaaggatt	tggggcacag	taccaggagg	ggggcttggg	gccagacctc	atgaggaaga	60
aggattttcc	tatgtacaga	gaaggggacc	ctgtcctggt	gggaggtgct	gtgcaaacct	120
aaccaagtta	ctaacccttc	tgttttctgt	gctacacaaa	ggggataaat	acaagcttcc	180
ctctctagcc	aattctattt	ggttcctgag	tttggaaggt	gatagatact	gattttctat	240
gattttatga	ggacttaaat	aagctcctat	ggaaagtgtt	ttgtgcagtg	ccgtgccccat	300

<210> 627

<211> 300

<212> DNA

<213> Homo sapiens

<400> 627

gcgacatctg	tcacccatt	gatcgccagg	gttgattcgg	ctgatctggc	tggctaggcg	60
ggtgtccctt	tcctccctca	ccgtcccatg	tgcgtccctc	ccgaagctgc	gcgctcggtc	120
gaagaggacg	accatccccg	atagaggagg	accggtcttc	ggccaagggt	atacgagcgc	180
cgtaattgac	acatctctta	tttgagaagt	gtctgttgcc	ctcattaggt	ttaattacaa	240
aatttgatca	cgatcatatt	gtagtctctc	aaagtgtctt	agaaattgtc	agtggtttac	300

<210> 628

<211> 300

<212> DNA

<213> Homo sapiens

<400> 628

ggatgaccca	tgccaaaaat	actatgagct	cttactagtc	aacctatatt	ggttggtccc	60
accaacaaag	gcacttgcag	ttacattcac	cacatttgta	acggagccat	tgaagcatat	120
tggaaaagga	actggggaat	ttattaaagc	actcatgaag	gaaattccag	cgctgcttca	180
tcttccagtg	ctgataatta	tggcattagc	catcctgagt	ttctgctatg	gtgctggaaa	240
atcagttcat	gtgctgagac	atataggcgg	tcctgagagc	gaacctcccc	aggcacttcg	300

<210> 629

<211> 295

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(295)

<223> n = A,T,C or G

<400> 629

```

ggtggtntna gtggnanaag gatcgagtg gagacnngtg cnaatagggn gatcctggta      60
aggtgctnat gtcagtctgc aatgtccanc agcagnaggn ntttgatgtn angngcngga      120
gnngagtgga ccaggggtgc tgtgtnatna nttgattcag nggcttatgg catcactgcc      180
ttctgttncc gggggagcat ggatctagat gtcctcgctt ctgaaaacca agtgtcagag      240
ccccctcccc ttgtttttat tttactgtta taataattat taacttcctt gtaat          295

```

<210> 630

<211> 300

<212> DNA

<213> Homo sapiens

<400> 630

```

tgggtctgctc accagaggtt cttcaaatac ttatgcatag catccaaagt taaaagggtt      60
gtgcaactag ctcgagagga aatcaagaat ggaaaatgtg ttgtaattgg tctgcagtct      120
acaggagaag ctagaacatt agaagctttg gaagagggcg ggggagaatt gaatgatttt      180
gtttcaactg ccaaagggtg gttgcagtca ctcatgaaa aacattttcc tgctccagac      240
aggaaaaaac tttatagttt actaggaatc gatttgacag ctccaagtaa caacagttcg      300

```

<210> 631

<211> 290

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (290)

<223> n = A,T,C or G

<400> 631

```

gcctagggcc ccttagcacc ccactcgatc accgagggta ccagtccttg tcagacagcc      60
ccccgggggc ccgagtcttc actgagtcag agaagaggcc actcagcatc caagacagct      120
tcgtggaggt atnnnnnnnn nnnnnnnngc cnctggttca tgatntggnt nntanatgca      180
anaggctgtg gctnctnaag tcctaaggat tnctcantga tcanngatcc agggccgttc      240
atgaaccact gggctggatt tgactgttga ntgtggnagn aaatgcccg      290

```

<210> 632

<211> 300

<212> DNA

<213> Homo sapiens

<400> 632

```

gtgggggtcag ttctgggtctg ctccaccagag gttcttcaaa tacttatgca tagcatccaa      60
agttaaaaagg gttgtgcaac tagctcgaga ggaaatcaag aatggaaaat gtgttgtaat      120
tgggtctgcag tctacaggag aagctagaac attagaagct ttggaagagg gcggggggaga      180
attgaatgat tttgtttcaa ctgccaaaagg tgtttgagct cactcattga aaaacatttt      240
cctgctccag acaggaaaaa acttttatagt ttactaggaa tcgatttgac agtccaagt      300

```

<210> 633

<211> 300

<212> DNA

<213> Homo sapiens

<400> 633

```

cacagtcctt ctggaagcca gaccggaagc cacagtagca gtgccagctc agcagagagt      60
caggacagca ggaagaagaa gaagaagaag gaaaagaaaa aacacacaga aacatataaa      120
gcataagaag cataagaaac atgcaggcac tgaagtggaa ttggaaagac gccatctaca      180

```

cgaccacagg aaccagaaga ggacctacac tcagattaga gcgtgaggaa gtgagttctt 240
ggagacgtgc tgatgacagg aaagatgacc ggggtggaaga gcgggaccct cctcgtcgag 300

<210> 634
<211> 300
<212> DNA
<213> Homo sapiens

<400> 634
cccacactcg gacactgtgg aattctacca gcgcctgtcg accgagacac tcttcttcat 60
cttctactat ctggagggca ctaaggcaca gtatctggca gccaaagccc taaagaagca 120
gtcatggcga ttccacacca agtacatgat gtggttccag aggcacgagg agcccaagac 180
catcactgac gagtttgagc agggcaccta catctacttt gactacgaga agtggggcca 240
gcggaagaag gaaggcttca cctttgagta ccgctacctg gaggaccggg acctccagt 300

<210> 635
<211> 300
<212> DNA
<213> Homo sapiens

<400> 635
ccaggctagt cttgaactcc tggcctcaag caatcctccc acctcggcct cccaaagtgc 60
tgggattaaa ggcgtgagcc accgtacctg gcccttggtg gaatcttttag ggttttctat 120
tcatacatat aaaatcatat cattggcaaa cagagataat tttacttcct cttttccaat 180
ttggatgcct tagatttctt ttccttgcc t aactgctctg tctagaactc ccagcactat 240
gctgaataga gtggcaagag caggcatttg ccttggtcct aaccttacag aaaaatcctt 300

<210> 636
<211> 300
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

<400> 636
gctgcccac acgctgtttg gggatgtggc catgggtggtg gaattcttga gctgttatcc 60
tgggctactt ttaccagatg ctacagtatcc tattactgct gtgtccctta tggaagcctt 120
gagtgcagat aagggtggct ttttatacct taacagggtg ttggtcatcc tcttacagac 180
cctcctacaa gatgagatag cagaagacta tgggtgaatag ggaatgaagc tgtcagaaat 240
ccccttgact ctgcattctg tttcagagct ggtgcggctc tgcttgcnca gatctgatgt 300

<210> 637
<211> 300
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

<400> 637
ctttgcagct ccccttcac tgagagccac ttccaccatt taataaaatc gtccacatcc 60

```

atcaactttc aaaccattca tgcaacctga ttcttcctgg atgctgaaca agaacctggg      120
taccaacagg gcagggtgta aaaggctgcc accctgactc tccttgagtg ggtnnnnnnn      180
nnnctgtccn ggatggcaac tgctaaaaga gcntgaattg taacacatcc ctaaatgcgc      240
tgttgggctg gagcccaaaa gtgctcatcg aagccctggc acccgcttgc ctgctgctc      300

```

```

<210> 638
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (300)
<223> n = A,T,C or G

```

```

<400> 638
aacctatctg catggacctc tgtggaccac agcgtacctg cccctttctg cctcctgct      60
ccagccccac ttctgaaagt atcagctact gatccagcca ctggatatct tatatcctcc      120
cttttcctta agcacagtgt cagaccaaata tgcttggttc tnnnnnnngn actacannna      180
tatgnatnct ggtncgctgg gcaagtccac tgngcccatg ctgaaagagg cctgccgggc      240
ttangggctg aagagtggtc tgaanaanca ngaactgctg gaanccctca ccaagcactt      300

```

```

<210> 639
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 639
agttttcctg tgattagtgt ttttggtggt gttttatctt ttttcttaca ggaactcttg      60
caagaagaaa ggactatgag ttcaacttta gagggagcca tggggactaa acaaaaattct      120
gaggccccc caaccatcta aatggacttc cttctggggc aggacactcg aaaattaaac      180
ctgaaagact ggttcaggcc atgatgggaa gtgggagctg aacatgcctc atcataccct      240
ccagcattaa catcaacaca gaccttaagg ctgataagaa gcattttaca tctattctct      300

```

```

<210> 640
<211> 299
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (299)
<223> n = A,T,C or G

```

```

<400> 640
gttagctcga ggggcaaata aagagcacag gaatgtttct gattacacac ctctaagtct      60
ggctgcttct ggtggctatg tgaacatcat caaaatatta ctaaatgcag gagctgagat      120
taactctaga actggtagca aattgggcat ctctcctctg atgttagcag ctatgaatgg      180
gcatacagct gctgttaagc tcctgttaga catgggctct gacataaatg ctcagataga      240
aaccaatcgg acactgnnnn nnnnnnnnnn ngcttccaag gaagaactga agtggttag      299

```

```

<210> 641
<211> 300
<212> DNA
<213> Homo sapiens

```

<400> 641

cagagacctg	acagtggcaa	tgtatggcca	cgttactgaa	tctacatggt	gcaagagaaa	60
aactagcaga	tggtcttggc	agccctgtca	ttcagctata	ttgctaaagc	actaggtgga	120
atcattatga	aaattttccat	cactcaaata	gaaaggagat	ttgacatatc	ctcttctctt	180
gctggtttaa	ttgatggaag	ctttgaaatt	ggaaattttgc	ttgtgattgt	atttghtaagt	240
tactttggat	ctaaactaca	cagaccgaag	ttaattggaa	ttggttgtct	ccttatggga	300

<210> 642

<211> 300

<212> DNA

<213> Homo sapiens

<400> 642

gagagcttgg	gatgtggtaa	tgccagccac	actcctggga	gccgtggcca	gatctcggca	60
tatattatca	aaagcacatc	agtgccgaag	aatcggtcat	ctaattgttaa	aaccacttaa	120
ggaatttgaa	aatacaacat	gcagcacact	gacaatacgt	caaagcttgg	atttgttcct	180
tcctgataaa	acagctagtg	gtttgaataa	gtctcagatc	ctggaaatga	accaaaaaaa	240
gtcagatacc	agcatgctgt	ctccattaaa	tgctgctcgt	tgccaagatg	aaaaggcaca	300

<210> 643

<211> 300

<212> DNA

<213> Homo sapiens

<400> 643

gcctgccaga	atggaagcat	acagatctgg	gaccgaaatt	tgactgttca	tcctaagttc	60
cactataaac	aggctcatga	ctcgggcaca	gacattcttt	gcgtgacttt	ttcctatgat	120
ggtaatgtcc	ttgcctctcg	tgagggtgac	gattcattaa	aattatggga	catccgacaa	180
tttaataaac	cacttttttc	agcctcgggt	cttcccacca	tgttcccaat	gactgactgc	240
tgtttcagtc	cagatgataa	gctcatagtc	actggtacat	ctattcaaag	aggatgtggc	300

<210> 644

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 644

ccggagagaa	gcagcaggag	ggcggcgggc	ccgtgcgctg	cgacacacct	gccaactgca	60
cctatcttga	cctgctgggc	acctgggtct	tccaggtggg	ctccagcggg	tcccagcgcg	120
atgttnnnnn	nnnnnnntg	gcaattaaca	acatcttaaa	actgactcag	ctcaccagct	180
cttccatgta	ttcacttcct	aatgcaccct	ctctggcaga	cctggaggac	gatacacatg	240
aagcctgtga	tgatcagcca	gagaagcctc	actttgactc	tcgcagtgtg	atTTTTgagc	300

<210> 645

<211> 300

<212> DNA

<213> Homo sapiens

<400> 645

actgttcac	ctaagttcca	ctataaacag	gctcatgact	cgggcacaga	cacttcttgc	60
gtgacttttt	cctatgatgg	taatgtcctt	gcctctcgtg	gaggtgacga	ttcattaaaa	120

ttatgggaca	tccgacaatt	taataaacca	cttttttcag	cctcgggtct	tcccaccatg	180
ttcccaatga	ctgactgctg	tttcagtcga	gatgataagc	tcatagtcac	tggtacatct	240
attcaaagag	gatgtggcag	cggcaaaact	gttttctttg	agcgtaggac	tttccaaagg	300

<210> 646
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 646						
gcgacatcag	aagatcattg	aggaggcccc	agcgccctgg	attaaatctg	aagtaagaaa	60
aaagctggga	gaagctgcag	tcagagctgc	taaagctgta	aattatgttg	gagcagggac	120
tgtggagttt	attatggact	caaaacataa	tttctgtttc	atggagatga	atacaaggct	180
gcaagtggaa	catcctgtta	ctgagatgat	cacaggaact	gacttggtgg	agtggcagct	240
tagaattgca	gcaggagaga	agattccttt	gagccaggaa	gaaataactc	tcagggcca	300

<210> 647
 <211> 278
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(278)
 <223> n = A,T,C or G

<400> 647						
ggtgactgcc	atcctggagc	cctacccctg	catccacttc	cctctggcca	catatgcccc	60
tattatctct	gctgaaaaag	cctaccatga	acagctttct	gtagcagaga	taaccattgc	120
tatgcttttn	nnnnnnnnac	ctgatgntaa	nanntgaacc	tcnntgcgg	tnttncannn	180
tttnnntntc	nantcnnnna	cgtcttgntt	nntncttntt	nntttctcgc	annantttnn	240
natntcntnn	cctttgnttt	tnctcttct	tnnntaat			278

<210> 648
 <211> 150
 <212> DNA
 <213> Homo sapiens

<400> 648						
ccccggctgt	gtagcgggtg	tatactacgg	tcaatgctct	gaaatctgtg	gagcaaacca	60
cagtttcatg	cccacgtcc	tagaattaat	tcccctaaaa	atctttgaaa	taagggcccc	120
tatttaccct	atagaccccc	ctctagaggg				150

<210> 649
 <211> 277
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(277)
 <223> n = A,T,C or G

<400> 649						
gaagaangcc	tatncnnnct	attagctana	natagtcnnt	nnnaatanga	naganangtn	60
acnnanaang	cnananngnn	nnagagatag	ctcnacntaa	agacnggana	angatcttcg	120

ccttaataact tttttatattt gttttatattt gaatgatgag ccttcgtgcc ccccttccc 180
ccttttttgt cccccaactt gagatgtatg aaggcttttg gtctccctgg gagtgggcgg 240
aggcagccag ggggttacctg ccacaaacgg ggaccag 277

<210> 650

<211> 300

<212> DNA

<213> Homo sapiens

<400> 650

gaggtagtga cacaggctgt gggagggggg agggggagga agtctgtggt gagcaaagtt 60
tgccttatta cactgataaa gtgtaattac actaataaag ctggatcacc tgaggttagg 120
agtttgagaa cagcctggcc aacatggcaa aaccctgtct ctactataaa tacaaaaatt 180
agccaggtgt agtggcaggg cacttgtgat cctatctgct cgggaggctg aggcaggaga 240
atcgcttgaa cccaggctgt aaagggttgcg gtgagccaag atcatgccac tgcactccag 300

<210> 651

<211> 300

<212> DNA

<213> Homo sapiens

<400> 651

ggcacagtac caggaggggg gcttggtgcc agacctcatg aggaagaagg attttcctat 60
gtacagagaa ggggaccctg tctgttggt aggtgctgtg caaacctaac caagttacta 120
accctctgt tttctgtgct acacaaagg gataaatata agcttcctc actagccaat 180
tctatttggg tcttgagttt ggaaagtgt agatactgat tttctatgat tttatgagga 240
cttaataaag ctccatgga aagtgttttg tgcagtgccg tgcccataaa gaagagctca 300

<210> 652

<211> 300

<212> DNA

<213> Homo sapiens

<400> 652

acgtgaacga gaaaaggaga aagaacggga gcgggaacga gaacgggata gggaccgtga 60
ccggacaaaa gagagagacc gagatcggga tcgagagaga gatcgtgacc gggatagaga 120
aaggagctca gatcgtata aggatcgag tcgatcaaga gaaaaaagca gagatcgtga 180
aagggaacga gagcgggaaa gagagagaga gagagaacga gagcgagaac gagaacggga 240
gcgagagaga gagcgagaga gggaacggga gcgagaaaga gaaaaagaca aaaaacggga 300

<210> 653

<211> 300

<212> DNA

<213> Homo sapiens

<400> 653

tgaacgagaa aaggagaaag aacgggagcg ggaacgagaa cgggataggg accgtgaccg 60
gacaaaagag agagaccgag atcgggatcg agagagagat cgtgaccggg atagagaaag 120
gagctcagat cgtaataagg atcgcagtcg atcaagagaa aaaagcagag atcgtgaaag 180
ggaacgagag cgggaaagag agagagagag agaacgagag cgagaacgag aacgggagcg 240
agagagagag cgagagaggg aacgggagcg agaaagagaa aaagacaaaa aacgggaccg 300

<210> 654

<211> 294

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(294)
 <223> n = A,T,C or G

<400> 654

```
ccccctcctt ctgtctctgg agacccttga gcttggggaa atatggaggg gtgtgtgtct      60
gcaatcaagg cctctgcagc tcacggctgg cccggtgggc tgggacttcc gtctgaattt      120
taaatactta gggttcattt tttttctctt ggcaacaaag cttgatgttt tcaactgctt      180
agtttcctgt ttgctgggtg gaggggatac ggtctgtgac tctggacttg ctctggggga      240
acagttgtca ctgcccccg ggagaggggc agctnnggct ggagaagcac agcc          294
```

<210> 655
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 655

```
acagcctggg cgtgcggcga gctgagatca agcccggggt gcgcgagatc cacctgtgca      60
aggacgagcg cggcaagacc gggctgaggg tgcggaaggt cgaccagggg ctctttgtgc      120
agttgggtcca ggccaacacc cctgcatccc ttgtggggct gcgctttggg gaccagctcc      180
tgcagattga cgggcgtgac tgtgctgggt ggagctcgca caaagcccat caggtggtga      240
agaaggcatc aggcgataag attgtcgtgg tggttcggga caggccgttc cagcggactg      300
```

<210> 656
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 656

```
tcaagtttgt ttgaagacac gtgtgccttt gtaccatta taagatggtc ataagacca      60
agaactgata agctttgggt ttttttgggt ttgttttgggt tttgtcttca ttaccatt      120
catgcctagg gttccattat tggaacccta agcttgtggg agttatttct atcctactgc      180
tcaaggtcat caccaagatc tgatttttca taaaaaacat ttgtgacctt cggcataaat      240
gggttaaggt gccatccctg aaactgcaat gcagatatgt tcagataact tttatttttt      300
```

<210> 657
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 657

```
aaatgttttt gaatcaagtt tgtttgaaga cacgtgtgcc tttgtaccca ttataagatg      60
gtcataagac ccaagaactg ataagctttg gttttttttt gttttgtttt gttttttgct      120
tcattttacc attcatgcct agggttccat tattggaacc ctaagcttgt gggagttatt      180
tctatcctac tgctcaaggt catcaccaag atctgatttt tcataaaaaa catttgtgac      240
cttcggcata aatgggttaa ggtgccatcc ctgaaactgc aagcagatat gttcagaaac      300
```

<210> 658
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 658

```
ctatgatcag gactgactag gtagttggca tggcccatag agaacaagga aagatgggct      60
ggtggattgg ccacactggg agccacatgg ggcaagggga gccctcacc tcagccagcc      120
```

agacgagtgg	gatttcccc	agcacagcat	accccccttca	caaagggaca	actaaagtgc	180
ttcattaagc	aagtcctgga	tcctgtgccc	cccaactggg	tgagacaccc	caatgggtca	240
ccagacacct	tatacaagag	catttctact	ggcatcaggt	gggtgccct	caaggacaga	300

<210> 659

<211> 300

<212> DNA

<213> Homo sapiens

<400> 659

gttttggtg	ggcatgatg	ttagcgctg	cagttccagc	tacctgggag	ggtaagccca	60
gttcaaggct	gcaattaact	atgatggtgc	ccctgcattt	cagcctgggt	gacaaaatta	120
aatcctggcc	caaaaaaaaa	aagtagccag	gcatggtggc	gggagcctgt	tgtcccagct	180
gttccttagg	ctgaggcacg	acattcactt	gaacctggga	ggtggaggtt	gctgtgagct	240
gacaccacgc	cactgcactc	cagcctgggt	gacagtgaga	ctctgtctca	ataaataaaa	300

<210> 660

<211> 280

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (280)

<223> n = A,T,C or G

<400> 660

attcgaacat	atgcagttat	tccactaaat	gatgaatgtg	ggattattga	atgggtgaac	60
aacactgctg	gtttgagacc	tattctgacc	aaactatata	aagaaaaggg	agtggatatg	120
acannaaaag	aacttttcca	gtgctnctac	ctcngnctnc	ngntttatct	gaanagntgg	180
nagtntcn	ngatangncc	tgntttgcat	cntnntanng	nnntnnannn	gccctttncn	240
tnntgnttgn	cggnnnnngcn	ttgncnnnag	tcancgcgtg			280

<210> 661

<211> 294

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (294)

<223> n = A,T,C or G

<400> 661

aataggannn	ctaanaggct	angtgagnaa	tatcaancnc	cgcncgtgtt	ttnggtggtt	60
aangnngtat	anngggcntn	natgggnagg	aatncanatg	gtagttggga	naggggagga	120
tacaggtgga	tgggactgga	ggttggtataa	ggtgttcttg	gaaggaaggg	gcaggagtgtg	180
gaattagttg	gtccctactg	tcccccatga	ggttggtgaac	ccctccccca	acttttcatg	240
tttcttaaag	gcattttggt	tttttaaaat	ctgtacagca	agagcaactt	tttc	294

<210> 662

<211> 279

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (279)
 <223> n = A,T,C or G

<400> 662

gaaaanggna	ngactgnttt	atggggggcnc	caannnnncng	nnncanttnc	annnnnggecc	60
cnanaatggc	caatgctcgt	ttaggggaacc	gccattctgc	ctggggacgt	cggagcaagc	120
ttgatttagg	tgacactata	gaatacaagc	tacttggtct	ttttgcagga	tcccatcgat	180
tcgcaggaat	cgatctcgtg	aagccccgaa	ggaccgaaca	ccccacccc	gatttagacc	240
tgcaggtgct	gccccacgtc	ccccaccaa	gcccattgta			279

<210> 663
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 663

gctaagtatt	ctaggatcta	cagttatggt	cattcatgct	ccaaaggaag	aggagattga	60
gacttttaat	gaaatgtctc	acaagctagg	tgatccaggt	tttgtggtct	ttgcaaccct	120
tgtggtcatt	gtggccttga	tattaatctt	cgtgggtggg	cctcgccatg	gacagacaaa	180
cattcttggt	tacataacaa	tctgctctgt	aatcggcgcg	ttttcagctc	cctgtgtgaa	240
gggcctgggc	attgctatca	aggagctggt	tgcaggaag	cctgtgctgc	ggcatccct	300

<210> 664
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 664

tcgttttaggg	aaccgccatt	ctgcctgggg	acgtcggagc	aagcttgatt	taggtgacac	60
tatagaatac	aagctacttg	ttctttttgc	aggatcccat	cgattcgaat	tcggcacgag	120
catggtaatc	ctgctcagta	cgagaggaac	cgcaggttca	gacatttggt	gtatgtgctt	180
ggctgaggag	ccaatggggc	gaagctacca	tctgtgggag	gaaggaggca	ggctgtggtg	240
ggactgggta	gggtatagta	tcactcctga	gttccactgc	tctagaatct	aaccagaaat	300

<210> 665
 <211> 298
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (298)
 <223> n = A,T,C or G

<400> 665

cccaggagc	ggagcagagg	caccagggca	gcctgcgcgg	agaaattgga	tcggcggggga	60
cggcctgcag	ctcccgcgcg	cggggaaaag	gaagaagtcc	tcccctacaa	agcaaattca	120
caaacttgga	agaagcaatt	tacacaggat	gtgcagatct	caatggaagg	acacgggaaa	180
cgtgaaaaag	caaggaagtg	ggacgcctcc	aaaggnnnnn	nntaattctc	cagcancaga	240
tcccatcca	aaaganattc	aagaantgtc	atatagagaa	ttgtggaaac	tgatttta	298

<210> 666
 <211> 272
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(272)
 <223> n = A,T,C or G

<400> 666
 gacagcccca atccgggagc aggagggcct cctgccttgg catatagacc cctgggcgcc 60
 tccttgggat gccaccagg cccagggatc cacctagggt gggttggcta tcctgggtgat 120
 ggnnnnnnnn nnnnnntnaac ctntctttnt ntacnnnnt acnnctcatn tatntcctc 180
 tannngntaan tntgnnnnnn tnnncttntn ccaantagnn nntttngnnn ncnntcnnt 240
 naatntanat tntntnnnt ntttnntna tt 272

<210> 667
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 667
 ggaacgcagc tgctcaccag caacggaaca aagctggacg gagaatgact ttgaagagct 60
 gagagaaggc ttcagacgat caaattactc tgagctacgg gaggacattc aaaccaaagg 120
 caaagaagtt gaaaactttg aaaaaataa atgtacatta attaacgtgg aatctgggtga 180
 acagtaacaa actttgggtga aatttcagga accatagcca ttgaagtgga tgagggaacc 240
 tatatacatg cactcaacaa tggctctttt accctgggag ctccacacaa agaagaatcg 300

<210> 668
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 668
 attaaaccgg tttctgtggg cacctctgtc cttgctgctg gtggggaagg gaagccagat 60
 ccagcacccc ctggggggcc atcgggagtg tggctggggg tgaagggggc tctgtggcaa 120
 tatgggggtg ggtagtgtgg gtggcaggcc atccctta atcttggaac ctctgaatat 180
 gggacctccc acagcaaagg gtgacttttg tcattaagaa agactggggt ggggtgtggtg 240
 gctcacgcct gtaaccccag cactttggga ggccaagggt ggcagatcac gaggtcaaga 300

<210> 669
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 669
 agaggacct gcagttaggg ggtgttactt tgtcgcccag gatggcctgg acccccaggt 60
 tcagggatcc tcccgcgct gcttctgag tagctgggac ctcaggcttc cgcctcgtgc 120
 ccgcacccct gctgtgttta ggcagcaggt ggtgacctca ctccctccctg gcctgagctc 180
 tccgtcccgc atcccaggcg gaggcctag ggaacacttt gaagctgagc acggggtgga 240
 ccctccctcc tgagtgaatg gagaatagaa agggagagga tttctgttct gttctgtggg 300

<210> 670
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 670
 acccgaggct cgggtgtacta ggtgcgaatg ccgccttctg tggtgaccac tgtcttctca 60
 tcctttgcac ctataggagg tgagtgcctt tggggaagac ggcgagggcg acgacctgga 120

```

cctatggaca gtgcgctgct ctggacagca ctgggagcgt gaggtgctg tgcgcttcca      180
gcatgtgggc acctctgtgt tctgtcagt cacgggtgag cagtatggaa gccccatccg      240
tgggcagcat gaggtccacg gcatgcccag tgccaacacg cacaatacgt ggaaggccat      300

```

```

<210> 671
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 671
ataatttggg gcattttccnn acantgtctt nncaaganta aaatgtgngc gccaaaattt      60
ngnattntan tnggagantt nttatccaaa ntaangctgc cntaggaagt ctaaggaatt      120
agtagngttc ccactncttg tttggagtg gctattctna aagaataagc aatgctcggt      180
tagggaaccg ccattctgcc tggggacgtc ggagaaagct tgatttaggt gacactatag      240
aatacaagct acttgttctt tttgcaggat cccatcgatt cgaattcggc acgagcagga      300

```

```

<210> 672
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 672
ggctctccct gagtgtcgag gaggacatga gtgaaatgac cagcgaactc attttttata      60
ggactcgggtg aagccggatt ctgcatttcc ctacttgtag actcattttg tggaatagag      120
ttgatcgctg tctcctccgc aaagcatttt aactogaata agcaaagcc gcctctgttt      180
gaacgttttg gtattttacaa gagagaaatc attttaccta agagaactaa ttgaattggc      240
agcatccttg aaatacctcc ggacaaggat ctgggggttg ggggtggaaa gcaactgcga      300

```

```

<210> 673
<211> 285
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(285)
<223> n = A,T,C or G

```

```

<400> 673
gtgagacagg ttagttttac cctactgatg atgtgttggt gccatggtaa tcttgetcag      60
tacgagagga accgcagggt cagacatttg gtgtatgtgc tacgtcgccc tggacttcga      120
gcaagagatg gccacggctg ctccagctc ctccctggag aagagctacg agctgcctga      180
cggccaggct atcaccattg gcaatgagcc ggttacgctg ccctgaggen nnnnnnnngc      240
cttnnttact ggcatgntgt tctgttnntn cngnngagta cattc      285

```

```

<210> 674
<211> 292
<212> DNA
<213> Homo sapiens

```

```

<400> 674

```

gtcaatggtg	tacaagcaat	gctcgttttag	ggaaccgcca	ttctgcctgg	ggacgtcggg	60
gcaagcttga	tttaggtgac	actatagaat	acaagctact	tgttcttttt	gcaggatccc	120
atcgattcga	attcggcacg	aggggggattc	ataattccag	acaggtagag	aacggtttta	180
tttatgtaga	gacagagtct	cgctctgtcg	ccaggctgag	gcgggagaat	cacttgaacc	240
tgggaggtgg	aggttgcgct	gagctgagat	cattacactg	cactccagcc	tg	292

<210> 675
 <211> 271
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1) ... (271)
 <223> n = A,T,C or G

<400> 675						
canaccnatt	ctcnnttgge	aacnangatc	ganggggnac	ctagnnnann	nnnnnnnnnaa	60
tgacgcaaat	gggcggtcca	ttgacgtaaa	tgggcggtag	gcgtgcctaa	tgggaggtct	120
atataagcaa	tgctcgttta	gggaaccgcc	attctgcctg	gggacgtcgg	agcaagcttg	180
atthaggtga	cactatagaa	tacaagctta	ctttgttctt	tttgcaggat	cccatcgatt	240
cgaattccgc	acatgaatct	ccccctctca	c			271

<210> 676
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 676						
aatgatgac	agagagaacc	ctgttgaaag	agcgttacca	ggaggtcctg	gacaaacaga	60
ggcaagtggg	gaatcagctc	caagtgcaat	taaagcagct	tcagcaaagg	agagaagagg	120
aatgaagaa	tcaccaggag	atattaaagg	ctattcagga	tgtgacaata	aagcgggaag	180
aaacaaagaa	gaagatagag	aaagagaaga	aggagttttt	gcagaaggag	caggatctga	240
aagctgaaat	tgagaagctt	tgtgagaagg	gcagaaggta	actgatgtta	agaataaaaa	300

<210> 677
 <211> 289
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (289)
 <223> n = A,T,C or G

<400> 677						
gcgagccagg	attcccgate	cagagacaat	ggccccgatg	ggatggagcc	cgaaggcgctc	60
atcgagagta	actggaatga	gattgttgac	agctttgatg	acatgaacct	ctcggagtcc	120
cttnnnnnnn	ncttntangc	ctatggtttt	gangaactnt	tnngttttat	ttttntgttn	180
antnttngtn	gnctgntntg	ntnntgtngg	atngaganga	anantttctt	tntgngccat	240
gtgctgatgg	angnntnntn	ttntcnnttt	tntnnntttt	natgttttt		289

<210> 678
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 678

ggaccatgac	atctagggcc	tctgaacttt	ctccggggcg	cagcgtgacg	gctggcatca	60
tcattgttgg	agatgagatc	cttaagggac	acactcagga	caccaacacc	ttctttctgt	120
gccggacact	gcgctcccta	gggggtccagg	tttgccgagt	ctcagttgta	cctgatgagg	180
tagccaccat	tgcagctgag	gtcactttct	tctccaaccg	cttcacccat	gtcctcacag	240
cagggggcat	cggccccact	catgatgatg	tgacctttga	ggcagtgga	caggcctttg	300

<210> 679

<211> 300

<212> DNA

<213> Homo sapiens

<400> 679

ttcaccaatg	acatgatctt	atagcgattc	tataaaaaaca	gaataattaa	caaattcagc	60
aaagttgtca	aatacaaaat	caacacacag	aaatcagttg	cattttctata	tagtactagc	120
agtgaacact	tcatgaagga	aattagcagt	ttcattttaa	tagcatcaca	tagaataaaa	180
tacataggaa	ttaaccaagg	aggtgaaaga	cttgtagaca	gaaaactaca	aaatattggt	240
gaaagaaatt	aaagaagaca	taattaaatg	gaaagacatc	ctgtgttcaa	ttatatccat	300

<210> 680

<211> 300

<212> DNA

<213> Homo sapiens

<400> 680

tcaaggccta	cgaacaggtg	atgcactacc	ccggctacgg	ttcccccatg	cctggcagct	60
tggccatggg	cccggtcacg	aacaaaacgg	gcctggacgc	ctcgccccctg	gccgcagata	120
cctcctacta	ccaggggggtg	tactcccggc	ccattatgaa	ctcctcttaa	gaagacgacg	180
gcttcaggcc	cggctaactc	tggcaccocg	gatcgaggac	aagtgagaga	gcaagtgggg	240
gtcgagactt	tggggagacg	gtgttgcaga	gacgcaaggg	agaagaaatc	cataacaccc	300

<210> 681

<211> 300

<212> DNA

<213> Homo sapiens

<400> 681

gggagactgg	ggtctatttc	acccctgcag	tctcgaccat	aagagatggc	tacacccagg	60
ggggccagtt	cagagaccca	ctcccagggtg	tgcattctct	ttctcaagga	tgttccttgc	120
tgagaaaaag	aattcagtga	tattttctccc	atttgcttgt	gaaagaagag	aaatgtggct	180
ttgttcacc	tggctcaccg	gcggtcagaa	tttaagggtta	tctctcttgt	ttcctaaaca	240
ttgctgttat	cctgttcttt	tttcaagggtg	cccagatttc	atattgctca	aacacacatg	300

<210> 682

<211> 300

<212> DNA

<213> Homo sapiens

<400> 682

gatcagccca	cctcggcctc	acaaagtgtc	gggattacag	gcgtgagcca	ccttgcccag	60
cccacatcat	acagtttgaa	atgaaacttt	gccacaacca	gcctttgctg	tagcacacac	120
atatatcact	gaacctgttt	gaaataaagt	tttttttctt	tttcctctgg	tattctgggt	180
tctgaagtct	ggtattcttg	tattctgggt	tcaaaagtat	gacttgagag	tgttgctctg	240
gtattctgag	agttgctctg	tattctgggt	tctgaagatt	atttgaaaaa	taactcctac	300

<210> 683

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 683
 ggtacaccaa agaagaaagc tgttggtccag gctaagttga caaccactgg cccggtgact 60
 tctccagtga aaggcgcttc atttgtcacc agtaccaatc cccggaaatt ttctggcttt 120
 tcagccaagc ccagagtggg tttgggcata gtaatcagca aaagctacgg aataattcta 180
 agaattagat gtttccatat cattaaaacc aaggatccat gaggggcaga agggaggatt 240
 caaagatttt aaaaaaatca aatttttagac cttggttaaa tattaactgg aatgggatct 300

<210> 684
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 684
 agactccctt tcccggctctg ctccagtaacg ggtgccttcc cagacactgg cgttaccgct 60
 tgaccaaggg gccctcaagc ggcccttatg cgggcatgac agaaggctcc cctcttgctt 120
 tctattcact tctcacaatg tcccttcagc acctgaccct atacctgccg gttattccta 180
 ggttatatta ttaatgcaac agagtaatat taaaagctaa tgattaataa tgttttataat 240
 aatgatggat aattgttcat gatcatcgct gtatctaatt tgtattatga ctattcttat 300

<210> 685
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 685
 ggagagaaac cttatggatg cattgactgt ggcaaggcct tcagccagaa gtcttgccct 60
 gtagcacatc agagatatca tacaggaaag actccctttg tatgtcctga atgtgggcaa 120
 ccctgttcac agaagtcagg actcattaga catcagaaaa ttcactcagg agagaaaccc 180
 tataaatgca gtgactgtgg gaaagccttc cttacaaaga caatgctcat tgtacatcac 240
 agaactcaca cgggagagag accctatggc tgtgatgagt gtgagaaagc ttacttctat 300

<210> 686
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 686
 gggccgctca gttttttacgt aaaatggcag atccacagtc catccaggaa tcgcagaatc 60
 tgtccatgtt cctggccaat cataacaaga tcacacagtc tctgcagcag cagctcgaag 120
 tgattttctg ctacgaagag cctctagaac tatagttagt cgtattacgt agatccagac 180
 atgataagat acattgatga gtttggacaa accacaacta gaatgcagtg aaaaaaatgc 240
 tttatttctg aaatttctga tgctattgct ttatttgtaa ccattataag ctgcaataaa 300

<210> 687
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 687
 gtctgccttc aagaagccag acaggaaggc cctgcctgcc ttggctctga cctggcgggc 60
 agccagccag ccacaggtgg gcttcttctt tttgtggtga caacgccaag aaaactgcag 120
 aggcccccagg gtcaggtgta agtgggtagg tgaccgtaaa acaccaggtg ctcccaggaa 180

```

ccccgggcaaa ggccatcccc acctacagcc agcatgcccc ctggcgatgat ggggtgcagag      240
ggatgaggga gccaggtgtt ctgctgtggt ttgggagcct ataaagttag actaggctgg      300

```

```

<210> 688
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 688
gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga      60
gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga      120
gagagagaga gagagagaga gagnnnnnnnn nnnnnnnnnn cncacnctct tntntcncgn      180
nnnnnntctc tctntgtntc nctctnngtg tnnganatnt ntctctctta tatntntntn      240
tntttntctc ctctnanann cctctctctc tntntgtgtc tctntcacnn cctctctctc      300

```

```

<210> 689
<211> 286
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(286)
<223> n = A,T,C or G

```

```

<400> 689
gtggtctctc cccctgtacc tagaaagcta tttgagctgg atccgtccct ctgatcgtga      60
cgccttcctt gaagaatttc ggacatctct gccaaagtct tgtgacctgt anctgccncg      120
ttttgaagag cttganctgg ttncctnttg gnnnntcngt ntgtntntct cntnntgtnc      180
nntctnanant nntnntttn natngntgna tnnntaangc ntatntnttn ctntatntnt      240
tnngagctn ttnnnntttt nnnntnatnc ttngtntatn tcatta      286

```

```

<210> 690
<211> 272
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(272)
<223> n = A,T,C or G

```

```

<400> 690
aaannnaana agnnnnaagn aancnnttaa gagangaang atngangnna gnntntnaat      60
ngnaaggntn natnnnaca nntgntantc tcgcatntaa tgtannccna tgaagnaaga      120
aaaccttgga cttgatgat attcacacac attcaggaaac ctgttttgat gtattatagg      180
caggaagtgt ttttgctacc gtgaaacctt tacctagatc agccatcage ctgtcaactc      240
agttaacaag ttaaggaccg aagtgtttca ag      272

```

```

<210> 691
<211> 300

```

<212> DNA
<213> Homo sapiens

<400> 691
ggcacgagge actaagcagg ctagtgctct cagcttcccg gcctcccctt ccaggccgct 60
gccgcctgac cctgtgtcca agagactcca ggctgagctg gctgaccgac ccaatcccc 120
taccgcctt ctgcccgtg acccggtggt gagaagccc aagtctcagg ggccagccaa 180
gccccaccc ccaaggaagc cactgcctgc cgacccccag ggccggtgcc catcggtga 240
cctgccccgc ccaggggctg gaatcccccc cctagtggta ccctccagac cagcgccacc 300

<210> 692
<211> 300
<212> DNA
<213> Homo sapiens

<400> 692
aaaatgcctt ctttttcctt tttactttat catgagacat aagatttatt ggcttcatat 60
caacccttaa gtattgttaa ctttatgtaa tagcatttgg gttggggatt ggtgtgtttt 120
cggttgtaca tagcatagtt gaattatggt aggcataatt atgaccttat tattgtcttt 180
atttgaataa tatatatgat ctgaggaat gtgtatgagt tcaagttgac aaggagtggg 240
tttgggatgg ttgatactga gtgtcaactt gattggattg aagcatgcag agtaataatc 300

<210> 693
<211> 300
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)... (300)
<223> n = A,T,C or G

<400> 693
ggctgtcgct gaccagagg aagctgcctg tctacatcag cctgggctgc agcgcgctgc 60
cgccgcgggg ccggcagcca tggccaagga catcctgggt gaagcagggc tacactttga 120
tgaactgaac aagctgaggg tgnnnnnnnn nnnnnntatt cagcttatcc taaacctgaa 180
agaagagtga gtagacttta aggatcaaga taatctgggg cttcccagtt gtgtcggcca 240
aggacctgag acctgaaggg ttgactttac ccatttgact gggagtgttg agcatctgtc 300

<210> 694
<211> 300
<212> DNA
<213> Homo sapiens

<400> 694
ccccggtgtc cccgcgaggg gcccgggggc gggtcgcgcg gccctgcggg ccgcccgtga 60
aataccacta ctctgatcgt tttttcaatt gaccgtggag gcccccatgc ccaagctagc 120
cacgcagtcc aacgagatca ccatcccagt caccttcgag tcgcggggccc agcttggggg 180
cccagaagct gcaaaatccg atgagactgc cgccaagtaa accccttagc ccggatgccc 240
accctgtgtg ccgccactgg ctgtgcctcc cccgccacct gtgtgttctt ttgatacatt 300

<210> 695
<211> 281
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(281)
 <223> n = A,T,C or G

<400> 695
 caggcggtact gacagggtgga ccaacggact gatttagaag agaacaagca tgcgctccct 60
 acattccagc cacatatcac aaacgactac ggtctggaca actttgacac acagttnacc 120
 agngagcccg tgcanttgac cccanacgat nangatgcca tatagaggat ngaccagtcn 180
 nagttcgaag gntntganta tatccatcca ttattgctga ncnennanga nncnntnntc 240
 atntacntnt agtcnntntt ttngctntct cccnnccact c 281

<210> 696
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 696
 ttctggccaa ctagaggagt ctgaaggacc agacaattgc tcagaaacag aaggctgttt 60
 agaattttct aaattcatta agggcaattc tgggtacttt ctggaaattg gctttaagag 120
 ctcacccctgc attttttaaaa tctctccaac tggatcaaat tttttatata ctctgttgat 180
 aggttttttt aaaacacatg actcttcagg actacaagca gtattagtct ggtttcctac 240
 agaagcctgt cctgaggaag aatttggtact agctgggtctg gaacttaagt tagaaccac 300

<210> 697
 <211> 262
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(262)
 <223> n = A,T,C or G

<400> 697
 gtcagggctg gactgtgagc ctgtgcttgg gtccctggagg aggtgagggg ggtatacatt 60
 gatgagtttg gacaaaccac aactagaatg cagtgaaaaa aatgctttat ttgtgaaatt 120
 tgtgatgcta ttgctttatt tgtaaccatt ataagctgca ataaacaagt taacaacaac 180
 aattgcattc attttatgtt tcaggttcag ggggaggtgt gnnnnnnnnnn nnnnnnnnnn 240
 nanntnnnnn tanngnntna tg 262

<210> 698
 <211> 295
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(295)
 <223> n = A,T,C or G

<400> 698
 gggcgaaaaa gatgaccgaa attcaaactc ctgaaaatac tcctcgttta tttgatttag 60
 taaaagtaaa agatgagaaa attcgccaag ctttttattt tgctttacga gataccttag 120
 tagctgacaa cttggatcaa gccacaagag tagcatatca aaaagataga agatggagag 180
 tggtaacttt acagggacaa atcatagaac agtcagggtac aatgactggt ggtggaagca 240

aagtaatgan nggaagaatg ggtncctcac ttgntattga aanctctgaa gaaga

295

<210> 699

<211> 300

<212> DNA

<213> Homo sapiens

<400> 699

agaaagtgct agcacagttt gtgttggtga tttgctactt ccatagttta cttgacatgg	60
ttcagactga ccaatgcatt tttttcagtg acagtctgta gcagttgaag ctgtgaatgt	120
gctaggggca agcatttgct tttgtatgtg gtgaattttt tcagtgtaac aacattatct	180
gaccaatagt acacacacag acacaaagtt taactggtag ttgaaacata cagtatatgt	240
taacgaaata accaagactc gaaatgagat tatttttggtta cacctttctt tttagtgtct	300

<210> 700

<211> 300

<212> DNA

<213> Homo sapiens

<400> 700

aagtagagga ggaagttcag acaatttcat aagtgtctaa aaagagacag ttatgcgacc	60
attgacgagg agtaaaagtc gtctattgag catcttattc actacaaata gaagaaagaa	120
ataccagttt cctgacaagc cccaccccat gcttggccag ttcttgagta cacttaatat	180
attttagagg aaaagatgct agaaccacag gagaatggcg tgattgacct accagattat	240
gagcatgtag aagatgaaac ttttctctct ttcccacctc cagcctctcc agagagacaa	300

<210> 701

<211> 300

<212> DNA

<213> Homo sapiens

<400> 701

gtggtcttca gtctgtcgtg caccgatgag aactctcctt attgctgtga agggcagaca	60
atgcatggct gatctactct gttaccaatg gctttactag tgacacgtcc cccggtctag	120
gacgaaatg ttaacaccgg gagctctcca ggccaccac cggagagac gtcgctgtgt	180
ggcctgaagt ggcgcaagct tgctttgtaa atatctgtgg tcccgatgta gtgccagaa	240
cgtttggtgcg aggcagctct gcgcccgggt tccagccga gcctcgccgg gtcgccgtct	300

<210> 702

<211> 300

<212> DNA

<213> Homo sapiens

<400> 702

ggcgtgccta atgggaggtc tatataagca atgctcgttt agggaaccgc cattctgcct	60
ggggacgtcg gagcaagctt gatttaggtg acactataga atacaagcta cttgttcttt	120
ttgcaggatc ccatcgatc gaattcggca cgaggaagga ggacctaggc acacacatat	180
ggtggccaca cccaggagg tagtggggag ttagatttca gagtccaggc cctagggttg	240
gacccactcc aaataatctc ctcggtgtgg gtggtggttc tatagaggga taaagaataa	300

<210> 703

<211> 300

<212> DNA

<213> Homo sapiens

<400> 703

ccaaggcgca	gcccgattct	gccccctacg	attgggttcgg	ggactttctcc	tccttccgtg	60
ccctcctaga	gccggagctg	cggccccgagg	accgtatcct	tgtgctaggt	tgcggaaca	120
gtgccctgag	ctacgagctg	ttcctcggag	gcttccctaa	tgtgaccagt	gtggactact	180
catcagtcgt	ggtggctgcc	atgcaggctc	gctatgccca	tgtgccgcag	ctgcgctggg	240
agaccattga	tgtgcggaag	ctggacttcc	ccagtgcctc	ttttgatgtg	gtgctcgaga	300

<210> 704

<211> 300

<212> DNA

<213> Homo sapiens

<400> 704

gagaagctga	ccttggacct	gacgggtgctc	ctgggtgtgc	tgcaggggca	acagcagagc	60
ctacagcagg	gggcacactc	caccggctcc	agccgcctgc	acgacctcta	ctggcaggcc	120
atgaaaaccc	tgggagtcca	gcgccccaaag	ttggagaaga	aggatgccaa	ggagatcccc	180
agtgccaccc	agagccccat	cagtaagaag	cggagaagaaa	agggattcct	gccagagacg	240
aagaagcgca	agaaacgcaa	gtcagaggat	ggcacgccag	cggaggatgg	cacacctgca	300

<210> 705

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 705

agtccacatt	aaaaagaaaa	caaaacaaac	cctaactaac	ttccaaatgg	gtctcctggg	60
gcgggggctg	gagtgccctg	gccctgggtg	tgctgcctgt	ctgagcaagc	ttccctagct	120
gaggaacccc	gggccccctg	ctgcgggctc	tgcttgggtg	tcattgcctgc	tgcacccccg	180
tttactactga	tgtgccannn	nnnnnnntgg	nggtttggag	cnnacatgct	actggtcnan	240
nnacacangt	nccggggcat	catgagaaaag	gntngntcct	ggnaccttgt	cctccccagt	300

<210> 706

<211> 300

<212> DNA

<213> Homo sapiens

<400> 706

ccgcagaggg	cctggaagag	gtgctcacca	cgccagagac	tgtgctcaca	ggccacacgg	60
agaagatctg	ctccctgcgc	ttccacccac	tggcagccaa	tgtgctggcc	tcgtcctcct	120
atgacctcac	tgttcgcata	tgggaccttc	aggctggagc	tgatcggctg	aagctgcagg	180
gccaccaaga	ccagatcttc	agcctggcct	ggagtcctga	tgggcagcag	ctggccactg	240
tctgcaagga	tgggcgtgtg	cgggtctaca	ggccccggag	tggccctgag	cccctgcagg	300

<210> 707

<211> 300

<212> DNA

<213> Homo sapiens

<400> 707

tggaggtctc	ctttcgcccc	agcccagggtg	gccaaagccca	tcctggcctc	agaacatgct	60
gagcacattt	tgtagggtgg	caccttttta	tccaagttac	tagctacaca	tcagtgttta	120
aagagaaaaa	agtgcacctt	catttttttt	tcttgaaact	tgaggaaaca	agatacatat	180

tactgatttt	ttttttctta	aaactaaatg	catgactgca	gagcggtaga	ggtgtatatt	240
tttcatactg	tggggcaaag	tatttgtgct	gctttttgga	gatggactgg	aacgtctggt	300

<210> 708
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 708						
aaaaacagtg	cattagcaat	ttcatagcaa	gtgcatgcac	taggaaaaga	aaactctgtc	60
tacaagttta	ttagcagaag	tgggtggtctg	ctagacaaat	aattttgcaa	aatttttcta	120
catctaagtt	acctcatcag	taagtgccat	gtctctacca	tgccatcaga	ggctaatttc	180
ctgtaaaagt	tgtggaaatt	gttagaacia	tagaaaaata	gagcagtgtg	tgtgtgccaa	240
aactcatcat	tactcaaagg	agaactgtgt	taggcacatt	taagaaagtt	tacatctgac	300

<210> 709
 <211> 285
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(285)
 <223> n = A,T,C or G

<400> 709						
gagagagaga	gagagagaga	gagagagaga	gagagagaga	gagagagaga	gagagagaga	60
gagagagaga	gagagagaga	gagagagaga	gagagagaga	gagagagaga	gagagagaga	120
gagagagaga	gagagagaga	gagagagaga	gagagagaga	gannnnnnnn	nggtcttctc	180
ntgcntgatg	cctcttntca	ctgcctggan	ccctgnttna	ngccctcgna	tctcccntgc	240
tnccngncct	ttnttngan	cctggtggtc	tcctctccca	ttgct		285

<210> 710
 <211> 275
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(275)
 <223> n = A,T,C or G

<400> 710						
gagagagaga	gagagagaga	gagagagaga	gagagagaga	gagagagaga	gagagagaga	60
gagagagaga	gagagagaga	gagagagaga	gagagagaga	gagagagaga	gagagagaga	120
gagagagaga	gagagagaga	gagagagaga	gagagagaga	gagagagaga	gagagagaga	180
ctcccgcgcg	cnngnctnnc	ncnctntnn	tctctctctc	tcgngcncce	ccnccncccc	240
cnnacacann	nnncagagng	nnnctctctc	tnntnt			275

<210> 711
 <211> 266
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(266)

<223> n = A,T,C or G

<400> 711

ataacacaga	ctttcaagga	ccaaggattg	gaggttttaa	agcaggaaac	agcagttgtt	60
gaaaacgtcc	ccattttggg	actttatcag	attocagctg	aggggtggagg	ccggattgta	120
ctgtatgggg	actccaattg	cttggaatgac	agtcacgcac	tgaaggactg	cttttggtt	180
ctggatgcc	tnnnnnnnnn	nnnntngtgt	ggngtgnnnn	nnntanctnnn	nnnnttttng	240
nnccnnnnnt	gnnnnttntn	nnnnct				266

<210> 712

<211> 300

<212> DNA

<213> Homo sapiens

<400> 712

gtgtggaacc	tgcaggccct	ctagatgtgc	tgggccccag	tctccaaggg	cgagaatgga	60
ccctgatgga	cttgacatg	gagctgtcct	tgatgcagcc	cttggttcca	gagcgggggtg	120
agcctgagct	ggcgggtcaag	gggttaaatt	ctccaagccc	aggtaatggt	tgtgatgact	180
cctacctggg	aggacgccgt	gattgggctg	agctaccttg	attgagtggg	ggggcaatct	240
gcaatttgca	gggaaatcct	gagttcaggc	tgactgcag	agcgttcctt	gagccacca	300

<210> 713

<211> 300

<212> DNA

<213> Homo sapiens

<400> 713

tgtggagaag	ccttcttttt	ctatgggaaa	tcacttctgg	agttggcaag	aatggagaat	60
ggtgtgttgg	gaaacgcctt	ggaagggtgtg	catgtggaac	atcattctca	ccaccagtct	120
cttctctgtg	cctttcttcc	tgacgtggag	tgtggtgaac	tcagtgcatt	gggccaatgg	180
ttcgacacag	gctctgccag	ccacaaccat	cctgctgctt	ctgacggttt	ggctgctggt	240
gggctttccc	ctcactgtca	ttggaggcat	ctttgggaag	aacaacgcca	gcccctttga	300

<210> 714

<211> 291

<212> DNA

<213> Homo sapiens

<400> 714

gttttgctcg	tttagggaaac	cgccattctg	cctggggagc	tcggagcaag	cttgatttag	60
gtgacactat	agaatacaag	ctacttggtc	tttttgacag	atcccatcga	ttcgaaattcg	120
gcacgaggtt	atgtctggct	gtagctgttg	gtcacgtgaa	gatgacagac	gatgagcttg	180
tgtataacat	tcacctggct	gtcaacttct	tgggtgcatt	gctcaagaaa	aactggcaga	240
atgtccgggc	cttatatatc	aagagcacca	tgggcaagcc	ccagcgcccta	t	291

<210> 715

<211> 294

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(294)

<223> n = A,T,C or G

<400> 715

tcctccangg	ccgtggttgt	gaaaaaggtc	gaggccccctg	atggggaagct	ggtgtctgag	60
tcctctgacg	tcctgccccca	gtgcacaagt	tcggcagccc	ctcccagcct	tcccctcctg	120
cgctgccccca	gagcctggga	aggaggccgc	tttgagggt	agcactggga	acagggaacc	180
ccccctgaggc	tccgcccctag	cccttagccc	gcctggggag	tttacttcct	ggggaccccc	240
cttgcccctg	cctccagcta	caacaccatt	ccattgcttt	tttttttggg	ccag	294

<210> 716

<211> 289

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(289)

<223> n = A,T,C or G

<400> 716

ggtagttaag	cccccccaaa	acaagacgga	aagtgaaaat	acttcagata	aacccaaaag	60
aaagaaaaag	ggaggcaaaa	atggaaaaaa	tagaagaaac	agaaagaaga	aaaatccatg	120
taatgcagaa	tttcaaaatt	tctgcattca	cggagaatgc	taatatatag	agcacctgga	180
agcagtaaca	tgcaaatgtc	agcaagaata	tncgntnaan	gganctgtnn	atgctanttn	240
ananataatc	nnagctggan	aggagcctt	ttaagcttaa	nnnaatggt		289

<210> 717

<211> 300

<212> DNA

<213> Homo sapiens

<400> 717

cgacggcaag	gtggtgctgt	cccggcagta	cggtcgggag	ggccgcttca	cggtcacctc	60
ccacacgccc	ggtgaccatc	aatctgtct	gcactccaat	tctaccagga	tggctctctt	120
cgctggtggc	aaactgcggg	tgcattctga	catccagggt	ggggagcatg	ccaacaacta	180
ccctgagatt	gctgcaaaaag	ataagctgac	ggagctacag	ctccgcgccc	gccagttgct	240
tgatcagggtg	gaacagattc	agaaggagca	ggattaccaa	aggtatcgtg	aagagcgctt	300

<210> 718

<211> 300

<212> DNA

<213> Homo sapiens

<400> 718

ggggggattc	cactcctggt	ttgtgagtag	gcgacccatg	ggctgcccag	ccttaaagcc	60
agaacaaggg	tgtcccctga	cctcgttcca	ctgccctcct	cccgttccca	tctttccccc	120
ctaccttccc	cttaggcacg	tctgagaatg	gtggatgtgg	tggagaaaga	agatgtgaat	180
gaagccatca	ggctaattga	gatgtcaaag	gactctcttc	taggagacaa	ggggcagaca	240
gctaggactc	agagaccagc	agatgtgata	tttgccaccg	tccgtgaact	ggtctcaggg	300

<210> 719

<211> 300

<212> DNA

<213> Homo sapiens

<400> 719

gtcgggtctc	caacctcatt	aagcaccaca	gggttcacac	tggagagaag	ccctataagt	60
gcagtgactg	tgggaaagca	tttagtcaga	gctccagcct	tattcagcat	cggagaattc	120

acactggaga	aaagcctcac	gtgtgtaatg	tatgtggaaa	agcctttagt	tatagctcag	180
tgctccgaaa	gcaccagatc	atccacacgg	gagagaagcc	gtacagatgc	agtgtctgtg	240
ggaaggcctt	cagccacagc	tcagccctca	ttcagcacca	gggctgac	acaggcgaca	300

<210> 720

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 720

gtggctatcc	atcaacataa	gtaaaaaaaa	aaaacacttc	aactccctcc	cccatttann	60
nnnnnnntta	acatatttta	aaaatcanat	gagttntata	aataatttaa	anaagngaga	120
gtatttattt	ttggcatgtt	tgccccacca	cacanactnt	gngtgtgtat	gtgtgngttt	180
atatgtgtat	gtgngtgaca	naaaaaatntg	taaanaanag	gcncatntat	ggntactgnt	240
caaatnctta	aagataantt	natttttcaca	cagtccacaa	ggggtatatc	ttgtagtttt	300

<210> 721

<211> 300

<212> DNA

<213> Homo sapiens

<400> 721

gtttgtgcat	cacttggtca	ccattgggct	tatctccttc	tcctacatca	acaatatggg	60
tcgagtggga	actctgatca	tgtgtctaca	tgatgtctca	gatttcttgc	tggaggcagc	120
caaactggcc	aattatgcc	agtatcagcg	gctctgtgac	accctttttg	tgatcttcag	180
tgctgttttt	atggttacac	gactaggaat	ctatccattc	tggattctga	acacgaccct	240
ctttgagagt	tgggagataa	tcgggcctta	tgttctcatg	tggctcctca	atggcctgct	300

<210> 722

<211> 300

<212> DNA

<213> Homo sapiens

<400> 722

acaacattca	gcatgcagac	ccgccagtgc	agatccttta	caaccgcacc	atggtgcagc	60
tgggcatctg	tgcttccgc	caaggcctga	ccaaggacgc	acacaacgcc	ctgctggaca	120
tcagtcgag	tggccgagcc	aaggagcttc	tgggccaggg	cctgctgctg	cagccccagc	180
taaggttgaa	gccaagggaag	agtcggagga	gtcggacgag	gatatgggat	ttggtctctt	240
tgactaatca	ccaaaaagca	accaacttag	ccagttttat	ttgcaaaaaca	aggaaataaa	300

<210> 723

<211> 300

<212> DNA

<213> Homo sapiens

<400> 723

gcaaggcgcc	gggggacacg	ttggctgcgt	tttcggcgga	ctggccgggt	acaaaaatgg	60
ctgtggctag	cgatttctac	ctgcgtact	acgtagggca	caagggaag	tttgggcacg	120
agtttctgga	gttcgaattt	cggccggacg	gaaagcttag	atatgccaac	aacagcaatt	180
acaaaaatga	tgtgatgatc	agaaaagagg	cttatgtgca	caagagtgt	atggaagaac	240
tgaagagaat	tattgatgac	agtgaattaa	caaaagaaga	tgatgctttg	tggcctcccc	300

<210> 724
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 724
 agaaaacaac ttggcatttc tatactttac aggaaaaaaa attctgttgt tccattttat 60
 gcagaagcat attttgctgg ttgaaagat tatgatgcat acagttttct agcaattttc 120
 tttgtttctt ttacacagcat tgtctttgct gtactcttgc tgatggctgc tagattttaa 180
 tttatttggt tccctacttg ataatttag tgattctgat ttcagtttt catttgttt 240
 gcttttggtt ttttctcat gtaacattgg tgaaggatcc aggaatatga ctcaaagggg 300

<210> 725
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 725
 tgtagaggag gtgaggaaat actttaatgt gttggaaacc atgggtttga acagaagata 60
 cgcataatgga gtggggaatg gaaagaaaac ttgtgtctac atttactgta aattatatct 120
 tattgattca gtaaattcag gtggaatacg gaagttcaaa tttaaagatt acccatggac 180
 tcttgacctc aggtgatcca cccgcctcag cctcccagtg ggctgggatt acaggtgtga 240
 gccaccatgc ccagcctcat cattcttatt aactggttta atcctttcaa taatcctatt 300

<210> 726
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 726
 tcggcacgag ggcaagggac ttctgtaac aatgcatttc atatttggaa tgaccagtc 60
 ctctcccaag tccacacagg ggaggtgata gcattgcttt cgtgtaaatt atgtaatgca 120
 aaattttttt aatcttcgcc ttaatacttt tttattttgt tttattttga atgatgagcc 180
 ttctggtccc cccttcccc tttttgttcc cccaacttga gatgtatgaa ggcttttggt 240
 ctccctggga gtgggtggag gcagccaggg cttacctgta cactgacttg agaccagttg 300

<210> 727
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 727
 cgtccgctct cattggctct gctgggtccag aaagcagccc aggcctttta ctccgggctg 60
 ctgtgtgtgg catgtggttc ataccgacgg ggaaaggcga cctgtggtga tgtcgacgtg 120
 ctcactcact acccagatgg ctgggtcccac cggggtatct tcagccgcct ccttgacagt 180
 ctccggcagg aagggttcct cacagatgac ttggtgagcc aagaggagaa tggtcagcaa 240
 cagaagtact tgggggtgtg ccggctccca gggccagggc ggcggcaccg gcgcctggac 300

<210> 728
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 728
 atagtcagaa aacaacctgg catttctata ctttacagga aaaaaaattc tgttgttcca 60
 ttttatgcag aagcatattt tgctggtttg aaagattatg atgcatacag ttttctagca 120

atcttctcttg	tttcttttta	cagcattgtc	tttgctgtac	tcttgctgat	ggctgctaga	180
ttttaattta	tttggttccc	tacttgataa	tattagtgat	tctgatttca	gtttttcatt	240
tgttttgctt	ttgttttttt	cctcatgtaa	cattggtgaa	ggatccagga	atatgacaca	300

<210> 729

<211> 300

<212> DNA

<213> Homo sapiens

<400> 729

gtccaggctt	ccttctgatg	gccaaaccac	ctttaatgct	ggccagtcta	tctcacacaa	60
agttctaagt	tttccagggt	tcataagtaac	tccatagtct	cccttaaata	cctttttgaa	120
atctttcaac	atagttccta	gtgggatggg	cttactttgt	gcctgaccca	tgttttctca	180
agacaaaaca	ccatggcagg	aacagccact	tgcatctggt	cccggtgcca	cactgcgggtg	240
cttgggtgtg	ttgtggagcc	tgtccctgcg	cgccttgctc	ccgttgagcc	acgctgtctg	300

<210> 730

<211> 300

<212> DNA

<213> Homo sapiens

<400> 730

gataaatacc	tcagcccctc	gccttcctca	accacactgg	caagtcttct	taggatctga	60
tcccagtttt	ctggaagcaa	tcctacccca	gcccaagctt	cccagagtct	agccttaata	120
cttctcactt	ctcagtgtca	gagcagaaat	gaatcctggg	gttgactgtg	tccattcggg	180
ttattagcag	ctaagaagcc	cagacgagta	gtgtgagctg	ccttgggagc	ctcagtgagg	240
gcactgggac	tggcctcact	ctcttgcccc	cagcctagtgt	ggctttctcc	tctgtctctc	300

<210> 731

<211> 300

<212> DNA

<213> Homo sapiens

<400> 731

gtccatacat	ggagctccct	ggagcccgtg	tgtctctgtg	tgactgaacg	ttttgtgatg	60
aaaggaggag	aggtgtctct	cctttatgag	gagccagtgt	ctgaattgct	gaggagatgt	120
gggaattgca	cacgggaaag	ctgtgtggtt	tccttttacc	tttcagctga	ccatgaactc	180
ctgagcccga	ccaactacca	cttctgtctc	tcaccgaagg	aggccgtggg	gctctgcaag	240
gcgcagatca	ctgccatcat	ctctcagcaa	ggtgacatat	ttgtttttga	cctggagacc	300

<210> 732

<211> 300

<212> DNA

<213> Homo sapiens

<400> 732

cactgggttc	caagttgctt	tgctgaataa	ggatttgaag	ccacagacat	ttagaaatgc	60
ttatgacata	ccaagacgaa	atcttttggg	tcacttaaca	agaatgagat	ctaacttttt	120
gaagagcact	cgcagatttc	tgaaaggaca	ggacgaagat	caagtgcaca	gtgttcctat	180
agcacaaatg	gggaactacc	aggaatacct	caagcaagta	ccttctccac	taagagaact	240
tgatcctgat	cagccacgaa	ggttgcatac	atttggaac	ccctttaagc	tggaataagaa	300

<210> 733

<211> 300

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 733
 ggcgcccttg ccccgctgct gagccacggc caggteccact tcctatggat caaacacagc 60
 aacctctact tgggtggccac cacatcgaag aatgccaatg cctccctggt gtactccttc 120
 ctgtataaga caatagaggt attctgcgaa tacttcaagg agctggagga ggagagcatc 180
 cgggacaact ttgtcatcgt ctacgagttg ctggacgagc tcatggactt tggcttcccg 240
 cagaccaccg acagcaagat cctgcaggag tacatcactc agcagagcan caagctggag 300

<210> 734
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 734
 ggcgcccttg ccccgctgct gagccacggc caggteccact tcctatggat caaacacagc 60
 aacctctact tgggtggccac cacatcgaag aatgccaatg cctccctggt gtactccttc 120
 ctgtataaga caatagaggt attctgcgaa tacttcaagg agctggagga ggagagcatc 180
 cgggacaact ttgtcatcgt ctacgagttg ctggacgagc tcatggactt tggcttcccg 240
 cagaccaccg acagcaagat cctgcaggag tacatcactc agcagagcaa caagctggag 300

<210> 735
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 735
 ggacacaagg ccctcctgcc aacctgtttg aagacatgga cctcaacaag gatggcgagg 60
 tccctccgga ggagttctcc accttcatca aggtcgaagt gagtgagggc aaaggacgcc 120
 tcatgcctgg gcaggaccct gagaaaacca taggagacat gttccagaac caggaccgca 180
 accaggacgg caagatcaca gtcgacgagc tcaagctgaa gtcagatgag gacgatgagc 240
 ggggtccacga ggagctctga ggggcaggga gcctggccag gcctgagaca cagaggccca 300

<210> 736
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 736
 ttcaagcccc cagcctacga ggatgtggtt caccgcccag gcacaccacc ccccccttat 60
 actgtggccc caggccgccc cttgactgct tccagtgaac aaacctgctg ttctctctca 120
 tccagctgcc ctgcccactt tgaaggaaca aatgtggaag gtgtttcctc ccaccagagt 180
 gccccccctc atcaggaggg tgagcccgnn nnnnnntga cccctgcctt cacaccccc 240
 tcttgccgct atgccgttta actggcgact ccggtattga gctctgccct tgtcctgcct 300

<210> 737
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 737

agaacccatca	tgggctggac	attggacttc	ctccggggagc	ggctgttggg	ctggatccaa	60
gaccaggggtg	gttgggacgg	cctcctctcc	tactttggga	cgcccacgtg	gcagaccgtg	120
accatctttg	tggcgggagt	gctcaccgcc	tcactcacca	tctggaagaa	gatgggctga	180
ggccccccagc	tgccttggac	tgtgtttttc	ctccataaat	tatggcattt	ttctgggagg	240
gggtggggatt	gggggacatg	ggcatttttc	ttacttttgt	aattattggg	gggtgtgggg	300

<210> 738

<211> 300

<212> DNA

<213> Homo sapiens

<400> 738

gaatgacatt	catgccagtt	cttccttgaa	tggcagaagc	actgaagaag	taaggcccat	60
tgatgaaaac	ttggggcaaa	ctggaaaatc	tgtgttttgc	attcaccaag	atataaatga	120
tgatcatgtt	gaatatgtta	caggaattca	gcatttgaca	agcgattcag	acagtgaagt	180
ttattgtgat	tctatggaac	aatttggaca	agaagagtct	ttagacagct	ttacgtccaa	240
caatggacca	tttcagtatt	acttgggtgg	tcattccagt	caacccatgg	aaaattctgg	300

<210> 739

<211> 300

<212> DNA

<213> Homo sapiens

<400> 739

cgggactggt	accaccgcat	cgacccccacc	gtgctgctgg	gcgcgctgcg	cgttgcgagg	60
cttgacgcgc	cagctggtac	aggacgagaa	cgtgcgcggg	gtgatcacca	tgaacgagga	120
gtacgagacg	aggttcctgt	gcaactcttc	acaggagtgg	aagagactag	gagtcgagca	180
gctgcggctc	agcacagtag	acatgactgg	gatccccacc	ttggacaacc	tccagaaggg	240
agtccaattt	gctctcaagt	accagtcgct	gggccagtgt	gtttacgtgc	attgtaaggc	300

<210> 740

<211> 300

<212> DNA

<213> Homo sapiens

<400> 740

gtacgagagt	ctgttgaaca	acaggctgat	agtttcaaag	caacacgttt	taaccttgaa	60
actgaatgga	agaataaact	atcctcgcct	gcgggaactt	gaccggaatg	aactatttga	120
aaaagctaaa	aatgaaatcc	ttgatgaagt	tatcagtctg	agccagggtta	caccaaataa	180
ttgggaggaa	atccttcaac	aatctttgtg	ggaaagagta	tcaactcatg	tgattgaaaa	240
catctacctt	ccagctgcgc	agaccatgaa	ttcaggaact	tttaacacca	cagtggatat	300

<210> 741

<211> 300

<212> DNA

<213> Homo sapiens

<400> 741

cagtccttca	atgccgtcgt	caattacacc	aacagaagtg	gagacgcacc	cctcactgtc	60
aatgagttgg	gaacagctta	cgtttctgca	acaactggtg	ccgtagcaac	agctctagga	120
ctcaatgcat	tgaccaagca	tgtctcacca	ctgataggac	gttttgttcc	ctttgctgcc	180
gtagctgctg	ctaattgcat	taatattcca	ttaatgaggc	aaagggaact	caaagtgggc	240
attcccgtca	cggatgagaa	tgggaaccgc	ttgggggagt	cggcgaacgc	tgcgaaacaa	300

<210> 742
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 742
 ggctagcgat ttctacctgc gctactacgt agggcacaag ggcaagtttg ggcacgagtt 60
 tctggagttc gaatttcggc cggacggaaa gcttagatat gccacaaca gcaattacaa 120
 aaatgatgtg atgacagaa aagaggctta tgtgcacaag agtgtaatgg aagaactgaa 180
 gagaattatt gatgacagtg aaattacaaa agaagatgat gctttgtggc ctccccctga 240
 taggggttggc cgacaggagc ttgaaattgt aattggagat gagcacatat cttttaccac 300

<210> 743
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 743
 ggatcctttc cagacagaag accccttcaa atctgaccca tttaaaggag ctgacccctt 60
 caaaggcgac ccgttccaga atgacccctt tgcagaacag cagacaactt caacagatcc 120
 atttggaggg gaccctttca aagaaagtga cccattccgt ggctctgcc a ctgacgactt 180
 cttcaagaaa cagacaaaaga atgacccatt tacctcggat ccattcacga aaaacccttc 240
 cttaccttcg aagctcgacc cctttgaatc cagtgatccc ttttcatect ccagtgtctc 300

<210> 744
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 744
 agaaaatgtg ggatcaagaa aaggaccatt tgaaaaagt caatgagttg atggttatgt 60
 tcagggtccg gccaacagtt ctgatgccct tgtggaacgt gctgggggtt gcactggggg 120
 cggggaccgc cttgctcggg aaggaaggtg ccattggcctg caccgtggcg gtggaagaga 180
 gcatagcaca tctactaac aaccagatca ggacgctgat ggaggaggac cctgaaaaat 240
 acgaggaact tcttcagctg ataaagaaat ttcgggatga agagcttgag caccatgaca 300

<210> 745
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 745
 attcatgcca gttcttcctt gaatggcaga agcactgaag aagtaaagcc cattgatgaa 60
 aacttggggc aaactggaaa atctgctgtt tgcattcacc aagatataaa tgatgatcat 120
 gttgaagatg ttacaggaat tcagcatttg acaagcgatt cagacagtga agtttactgt 180
 gattctatgg aacaatttgg acaagaagag tcttttagaca gctttacgtc caacaatgga 240
 ccatttcagt attacttggg tggtcattcc agtcaaccca tggaaaattc tggatttcgt 300

<210> 746
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (300)

<223> n = A,T,C or G

<400> 746

gananencag	atcnenttga	aatgcctctc	ttttaataaaa	cgtttccttt	gttcaactatt	60
gcctgctagt	tcatcttgta	aatccttggc	tttaagctcc	aacttagtcc	tctgcttaat	120
ctgctcttgt	ctttcagcac	taagctgttc	tttttcttct	ttcatagctg	aaatttttgt	180
tttcaattct	ctaacttggc	gttcgatata	ctccatttta	tctcttgcat	cctgctgagc	240
atctcttaat	tgtctggatt	tttctccact	agtctctcgc	ttagcagaaa	gctcatcaag	300

<210> 747

<211> 300

<212> DNA

<213> Homo sapiens

<400> 747

ccgaagaaat	ataacacatt	ttggacctac	aactcttaga	tcaactcttg	cctatgggat	60
gctcaggctc	tgtgatcctc	taccttatga	tataatagtc	gatccaatgt	gtggaactgg	120
ggcaatacca	atagaggggg	ccactgaatg	gtctgactgc	ttccatattg	ctggtgataa	180
taatccactg	gctgtgaata	gagcagcaaa	taacattgca	tctttattga	ccaagagcca	240
aattaaagaa	ggcaaaccct	cctggggcct	gcccatagat	gctgttcagt	gggatattctg	300

<210> 748

<211> 300

<212> DNA

<213> Homo sapiens

<400> 748

attctctcaa	taatggccag	ccgaaaagta	cgcgctgcca	ggcatctgcc	tccgcggagt	60
cattaaactc	ccacagtggc	caccccactg	ctgatgtaca	gactttccag	gcaaagcgcc	120
atattcatca	acaccgtcag	tcttactgta	attataacac	tggagggtcag	ttagagggca	180
atgcagccac	ttcctatcag	aagcagactg	acaaaccacg	ccactgtagc	cagtttgtga	240
cacctccgcg	gatgaggaga	cagttctcag	cacccaatct	caaagctggc	cgagaaacca	300

<210> 749

<211> 300

<212> DNA

<213> Homo sapiens

<400> 749

tttacaatca	ggaacttaac	gagactcgtg	ccaaacttga	tgagctttct	gctaagcgag	60
agactagtgg	agaaaaatcc	agacaattaa	gagatgctca	gcaggatgca	agagataaaa	120
tggaggatat	cgaacgccaa	gttagagaat	tgaaaacaaa	aatttcagct	atgaaagaag	180
aaaaagaaca	gcttagtgct	gaaagacaag	agcagattaa	gcagaggact	aagttggagc	240
ttaaagccaa	ggattttaca	gatgaactag	caggcaatag	tgaacaaagg	aaacgtttat	300

<210> 750

<211> 300

<212> DNA

<213> Homo sapiens

<400> 750

gacagaccta	acttccagca	ttcccaaacc	tctgcttcca	gttggaaca	aacctttaat	60
ttggtaccca	ttgaacctgc	ttgagcgtgt	tggatttgaa	gaagtcattg	tggttacaac	120
cagggatgtt	caaaaggctc	tatgtgcaga	attcaagatg	aaaatgaagc	cagatattgt	180
gtgtattcct	gatgatgctg	acatgggaac	tgcagattct	ttgcgctaca	tatatccaaa	240
acttaagaca	gatgtgctgg	tgctgagctg	tgatctgata	acagacgttg	ccttacatga	300

<210> 751
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 751
 gttgtatttg aaagcagtag tgtggacgaa ttgcgagaga agcttagtga aatcagtggg 60
 attccttttg atgatattga atttgctaag ggtagaggaa catttcctg tgatatttct 120
 gtccttgata ttcatacaaga ttttagactgg aatcctaaag tttctaccct gaatgtctgg 180
 cctctttata tctgtgatga tgggtgcggtc atattttata gggataaaac agaagaatta 240
 atggaattga cagatgagca aagaaatgaa ctgatgaaaa aagaaagcag tcgactccag 300

<210> 752
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 752
 aaagaactgt ctcacgcaac cattgattct aaaactggcg atttagggga catcaatgct 60
 gaggagcttc ctgggaggga acatcttaat gaacctggta ctagagaagg acagactcgt 120
 ctaatcagag atggggagaa agtcgaagcc tatcagtggg gtgttagtga agggagggtg 180
 ataaaaattg gtgatgttgt tggctcatct ggtgctaata agcaaatac tggaaaagtt 240
 ttatatgaag ggaaagaatt tgattatgtt ttctcaattg atgtcaatga aggtggacca 300

<210> 753
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 753
 gacagactcg tctaatacaga gatggggaga aagtcgaagc ctatcagtgg agtgtagtgg 60
 aaggagggtg gataaaaatt ggtgatgttg ttggctcatc tgggtgtaac cagcaaatac 120
 ctggaaaagt tttatatgaa gggaaagaat ttgattatgt tttctcaatt gatgtcaatg 180
 aagggtggacc atcatataaa ttgccatata ataccagtga tgacccttgg ttaactgcat 240
 acaacttctt acagaagaat gatttgaatc ctatgtttct ggatcaagta gctaaattta 300

<210> 754
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 754
 cagagatcaa acaattgtag atcccttcag ttcaaaacat aatgtgattg tgggcagaaa 60
 tggatctgga aaaagtaact ttttttatgc aattcagttt gttctcagtg atgagtttag 120
 tcatcttcgt ccagaacagc gggtggcttt attgcatgaa ggtactgggc ctcgtgttat 180
 ttctgctttt gtggagatta tttttgataa ttcagacaac cggttaccaa tcgataaaga 240
 ggaagtttca cttcgaagag ttattggtgc caaaaaggat cagtatttct tagacaagaa 300

<210> 755
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 755
 cagcggatgg ccgaaaatct aggcttcggt gggcctttga aaagccaggc tgcagatcaa 60
 attacgaagc tgtataatct cttcctgaaa attgatgcta ctcagggtga agtgaatccc 120

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tttgggtgaaa ctccagaagg acaagttgtc tgttttgatg ccaagataaa ctttgatgac      180
aacgcagaat tccgacaaaa agacatattt gctatggacg acaaatcaga gaatgagccc      240
attgaaaatg aagctgccaa atatgatcta aaatacatag gactagatgg gaacattgcc      300

```

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<210> 756
<211> 191
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(191)
<223> n = A,T,C or G

```

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<400> 756
cccagctcct tgggaggctg aggcgggaga attgcttgaa cccggggacg gaggttgacg      60
tgagccgaga tcgcactgct gtaccagcc tgggccacag tgcaagactc catctcaaaa      120
aaaaaaaaann aaaaaaaaaan ccctgttaan nncannggtn taagngaata gtttangnct      180
ttaaannagg t                                     191

```

```

<210> 757
<211> 179
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(179)
<223> n = A,T,C or G

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<400> 757
caaataagtt aaatgtatat ggcattggat tggaattgga ggtatcagtg tgaactcatg      60
gttttggtt ttttggtttt tgcctttttt gttttgtttt tgttttttga ggcagggtgt      120
cactctgttg cccaggctgg agtgcattag ncaccatnac agntnagcac annctatgc      179

```

```

<210> 758
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 758
caacagtccc aaccagtcca attagaccca tttggtgctg ctccatttcc ttctaaacag      60
tagatacttc tgatggattc tcggcattaa ctctgttttc ataaaagtgt gaacagtttt      120
atgaatttga aagaaaattt ggtagctctt tatagcattc attcttaaag atcagtccta      180
ataggtgatn tntaaatnnn ccanntanaa gaatgaagcn tctctacngg gtagtaactt      240
gatncctctt nagganaana gggngctaaa tngcaagctc tnactaatgg ttctgtact      300

```

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<210> 759
<211> 62
<212> DNA
<213> Homo sapiens

```

<400> 759

gggggtatcag ttactggatc taagcatgtc cactctacac gctttttttt tttttttttt 60
tt 62

<210> 760

<211> 300

<212> DNA

<213> Homo sapiens

<400> 760

cacaagggtca ggagttggag accagcctgg ccaacgtggt gaaaccccggt ctctactaaa 60
aatacaaaaaa ttagccgggc gtggtggcac atgcctgcag tcccagctac tgagaaggct 120
gaggcaggag aatcgtttga atctgggagg tggaggctgc agtgagccaa gattgcgcca 180
ctacacttca gcctgggcaa cagagtgaga ctctgtctaa aaaaaaacac taagcatgta 240
gtttctatat aactagaagc ataggatatt ctgatctgca atccatcaat cagtgccaat 300

<210> 761

<211> 300

<212> DNA

<213> Homo sapiens

<400> 761

tttgaatatg gactatagtt agataatagt cttaggtaat agttaaatgt cctggggtttg 60
attattgtgg ttatatgggg gaatgtcctt gtactcagaa gacatatgct gaagtacagt 120
atthagagat aaaagtgtca tgtttgcaac taactttcaa atagttcaga aaaaaaata 180
tgtatatatg tgtctgtgcc tgtatatgaa agagagaaca caaatgtggc aaaatattaa 240
caattggtgg gccaggtagt gtgggtggct catgcctgta atcccagccc tctgggaggc 300

<210> 762

<211> 284

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(284)

<223> n = A,T,C or G

<400> 762

cctttaaaag gcagctgcaa atgacccatt tttgtgataa aactaactca gagtacagggt 60
gcaacccac tgatgtaaac agcttttgag gctttgagg tttagatgac agtcatctaa 120
aacaccagct tctcaaatac atcagcttca ggccctgggct gagcctgagg agcctcctag 180
gaagttagag atttttgagc tcaaagggct caggagaggc ccaatagttt tcatgcttca 240
ttaaccggaa ggcttcccga caatcgncca agggtnncta aaag 284

<210> 763

<211> 289

<212> DNA

<213> Homo sapiens

<400> 763

caaagatact ggatactaga aggcagtgga ggaaggctctt ccaagtgagg atgaaacatt 60
ttaaacctag gatccattaa atccgaaggc taaagaaagt caccacacat caggactaaa 120
atgttgactt cccataaaca ctattttatt ttatttttat ttattatttt tattttattg 180
tatttttctt agactgagtc ttgctctgtt gccaggctca agttgcagtg agccaagatc 240
acgccactgc attccagcct gggcgacaga gcaagattcc atcttaaaa 289

<210> 764
<211> 295
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(295)
<223> n = A,T,C or G

<400> 764
ccagcctggc caacatggca aaacactgtg tacactacaa atagaaaaat tggccgggca 60
tcatgggtgtg tgcccgtagt cccacctact caggaggctg aggcaggaga atcgcttgag 120
cctggaggggc ggaggttgca gtgagacgat accgtaccac tgcactccag cctgggcaac 180
agcaagactc cgtctccaaa aaaaaaaatt taaaangatt tttnttatgg nggtttcana 240
aatggttggtg nggcaggctg gntgnantgg cacangcctg nantnccage acttt 295

<210> 765
<211> 297
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(297)
<223> n = A,T,C or G

<400> 765
cagtgaatnn gtaagttcaa tctgtngcnn atngaggtaa aatatttata gnataaanct 60
gngcagctta nccanttttg aatatgcaat tcagtggatt aagtacattn tcantgttgt 120
anagccatcg ccatcatcca tctccagaag ttgtgcatct taccaaattc tgtgcccagt 180
gaacaataac tccccacctc cccttccctt agcaacagcc accccttttg tctctatcat 240
caacttcact actcatatct ctcagtgaag tggaatcata cagtatttgt ccttttg 297

<210> 766
<211> 300
<212> DNA
<213> Homo sapiens

<400> 766
ctctcatgga gctccagagt gacatccagc attgttagca tgcgatcaac atcatagacc 60
atcagtgtgc aacacgagtt accaagaggg gctttcttag tggaaagaga gtgataaatt 120
ggtaacatgg aagctacttc ctgtgttctt tttctgagaa ctagaagaag gaatacaagt 180
tggcccatg ctaatgtgta tatacctttt ttacatacca atcactagtg tgttttagaaa 240
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<210> 767
<211> 290
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(290)
<223> n = A,T,C or G

<400> 767

cgagttttttt	tttttttttt	tttaatanat	ncggcanttt	nattttcaatc	gccccaanena	60
anttancnng	nngnaancctt	aaangaacca	anttnaaccn	aaanagttcc	ggnaaaaaata	120
ncaaaaaancn	gaaantntta	aaaggggaagn	ccccctaaaa	ncnngaaaat	tcaccntttn	180
ttaggggttnc	ntnttcantt	tngatngncn	ctngaggctn	gcaanttttn	aancaancctt	240
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<210> 768

<211> 300

<212> DNA

<213> Homo sapiens

<400> 768

agggacaagg	ctataaatat	cattaataacc	aggttcagga	gtttgcaactg	cactaaaaat	60
caactcagct	atttgagcac	cttttataga	gtggaaatgg	ggttgggcag	tagagaagag	120
cactttttaga	gaggcttttc	tgcaagtagtc	aggggttaca	cctgttaacc	agccataatt	180
tttttttttaa	gcggtgtgc	tgaggatgag	ccccatgtag	ttggtgcagg	tggggacaca	240
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<210> 769

<211> 300

<212> DNA

<213> Homo sapiens

<400> 769

ctgcaatttc	tccaaagctt	gccactttcc	agcctgtttc	cccaattcct	ctgtgctctc	60
ctagagctct	gtctgaatcc	tcgcagccac	acctaggtct	gagaactcag	gctttgagtt	120
actgatcttc	cttgattag	gagaacaggt	gttcctctc	ccctctccta	gcagccctaa	180
tgtctgacct	agcctatcaa	gccttaggcg	ctggaagaac	ccttctcaga	cacgcaggac	240
ccaggtaaaag	tcaaagcttt	gcccttttgc	ccactgtctg	ctaccagggc	tcaccactg	300

<210> 770

<211> 300

<212> DNA

<213> Homo sapiens

<400> 770

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ctgcatttcc	cttgggttga	atggtaggga	tgcgggcagt	tggtagctgg	gtgaaccacc	120
tgacttgagc	agggttacga	ctctctctgc	aaacgaaacc	cagagacatg	aacagtgtctg	180
agattttctca	gtggtttccc	atgtaggctg	ctttccaagg	gcagcaagca	tggcttcatc	240
actcaccag	tgcttctgat	tcagcactgt	gatgctcggg	taagttttaa	tgagggttta	300

<210> 771

<211> 300

<212> DNA

<213> Homo sapiens

<400> 771

caagattgag	cacacggaga	cagatactgt	ggaccccaga	agcaatggac	ggccccccac	60
tgctgctgct	gtccccaaat	ctgcgaaata	catcgctcag	gtgctgcagg	actcagaggt	120
ggacggggat	ggggatgggg	ctcctgggag	ctcaggggat	gagcccccat	catcctcatc	180
ccaagatgag	gagttgctga	tgccaccgga	cgccctcacg	gacacagact	tccagtcttg	240
cgaggacagc	ctcatagaga	atgagattca	ccagtaaggg	gagggagggg	ccctggaggc	300

<210> 772

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 772

gagtatttgc	tgggtgcattg	gagagtttca	cgtaattctt	gtgcagattc	agcaagagag	60
tttgccggca	tgctttgcac	agcccctggg	accagtaag	gcgattatta	gcattgggtgc	120
ttgctggaat	cagatattcc	agaatattct	gtcacagctc	atcgttgccc	tcttcttttc	180
tgtgggtaaa	ctgaggcaga	aactcaggct	gggtggaact	ctgcagcctc	agctggagac	240
ctcgtctggc	caaggactgt	ggggacacag	gcectctagg	ctgccacctc	atggtcccag	300

<210> 773
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 773

cccacctcgg	cttcccaaag	tactgggatt	acagacgtga	gccaccgcac	ctggcctaaa	60
tttcaccatc	gtttctattc	ataacttacc	tgcaaagtga	ttatctgact	agtactactg	120
caacaaagat	aataaagtgc	ctgatgttta	tatcaaatag	gatatggcat	gtttctgagt	180
gtttctaaag	aaaaataactg	aatgaacccc	tcgcctaacc	tagtgccctgt	ggtaacaata	240
actgacatgc	attgagcgct	tactgtgtgc	caggtgcttg	ttcgagggtac	tttaccggta	300

<210> 774
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 774

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gagctttata	tctggagatg	tgggatcata	aaaacgtctt	tttaatctga	tgatcattaa	120
aacaccggga	gatgaggcac	agctgcta	cggaatacat	ttccatttct	gcggggattg	180
agcatgtctt	cggaaccctc	tgcaatagct	ttagaaacaa	acgttccttt	tatcagggtga	240
gaaaactacc	ctatggcatg	cctccggata	tgtagttctt	cctagggtac	aaaatatcag	300

<210> 775
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 775

ttttcagcca	cctccactga	ctcctacctc	caaagtttat	actatcagac	cttattttcc	60
taaggatgag	gttagtagga	gggctgcttt	ccctcagcct	ggattactgc	tttgtectag	120
aagatgaaga	tggcatatgt	ggttatgcct	tgggcaactgt	agatgtgacc	ccctttatta	180
aaaaatgtaa	aatttcctgg	atccccctca	tgcaggagaa	gtataccaag	ccaaatgggtg	240
acaaggaact	ctctgaggct	gagaaaataa	tgttgagttt	ccatgaagaa	caggaagtac	300

<210> 776
 <211> 288
 <212> DNA
 <213> Homo sapiens

<400> 776

gttttctcct	gttacatcat	gctgaatcct	ttcccttagc	cattagcttt	tattatgtgg	60
tcttcatagg	aaagccaccc	tggtgccaag	cctagcttgt	ggggaggggt	atgtgttcca	120
gaaactgctc	tttgtgttcc	cttcaatgag	gaaacaacat	gtgtctactt	atgtggcatc	180

caactgcttg gagctccaca cttccctttc gcgactcagg ctctgggtgct gttgccaatc 240
 cttgcttggc aaagactgtt cgatcatgtg gggtccttat ttacaagg 288

<210> 777
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 777
 tgaaactttg taatttggac cccctaattt tgtacatgtt gatgatagga ataagggctt 60
 cgtttatttt cactgcatgc tctctatgga aagaggatgt gctaagcaaa caagcattgt 120
 aaacaatatt tcagaggcaa ggttttggcc tgctttaaaa aaataaaatg tttgcaagta 180
 caattaaaaa ccagtataag ggacaggggt gggatgaaaa cctgtctcta agattacgaa 240
 gctgcggtta tttcccttaa atccccttcg aggaagattt gaatccctca tcaacaaatt 300

<210> 778
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 778
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 aaacggggat tttaatcatt ttaagtgtct tagaatgata ttttgggaaa aagcactcct 120
 tttcctaagg actgcgactc ggtgaacaga aaggaggcta tgcggtgtgg ccagccaact 180
 caaggaggac gaagcagcct ttgcctctaa actgcctgga accanangcg tattnttctg 240
 anccntcnna ggnagtgtcg agtactgatg cagtctgtag ggantaactn ccttccctcg 300

<210> 779
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 779
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 ctgggccttc ctctgccttc acgtttcatc tctgacctga ggggcctggc tagatggctc 120
 ttctggcttt gacacatttc tactggggcc caggctcaag tctcggtggc cctgggtggg 180
 cactggagac tgttcctgtg gaggccactt caaggctgcc ccggagggtcg cccaacctgc 240
 ttctacagca ccctgggggc gcccccttccc taacgaggag ctcccaagat gtagttttgt 300

<210> 780
 <211> 294
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(294)
 <223> n = A,T,C or G

<400> 780
 ctagagtgca atgttgcagt gcaatgctgc aatctgggct cactgcgacc tccacctcct 60

gagggcaggag	aatggcgtga	aaccaggagg	aggagcttgc	agtgagccga	gacgctgcca	120
ctgcaactcca	gcctgggtga	cagagcgaga	ctccgtctca	aaaaaaaaaa	atntaattat	180
caaatgcntc	ccattgngat	agtcctacnt	tatgngacat	taacctatat	tcctgggtcc	240
ttttaattcc	caactactgc	tnttanaggt	cttanccttt	tatgttaatt	ttta	294

<210> 781
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 781						
agtttaaaaa	tacttctttg	taaaagttat	tgcacaaaga	aaagacatga	atgtgtccct	60
gttatgtact	cacaaggata	atgatggggt	tgttgctcat	taatactgtt	tcttgtgcaa	120
taacttttac	aaagaagtat	ttttaaaactg	atcattaatt	ttatgaccac	agaaatgaga	180
tgcaaaattt	atgctattgt	cagtggcaca	ggctcacagc	accactgaca	ttttgtgtga	240
ttgtaataga	atggctgcca	actaatgatt	ctgtagacat	ttcatttgag	tgtgcttttc	300

<210> 782
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 782						
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gagtccgtgg	gggcagaagc	taccatcctg	tgccctgccct	cactctcagt	gtgactggtc	120
ttcaggatgt	ttaggtggct	ccacatgcgg	atgtacagct	ttcccttgct	tgttttcccc	180
atggcatatt	aacagcgaga	tctgcaagaa	tacatcattt	tgtacagaac	aggatgtatt	240
tcttttaaac	tacgttctcg	tgtggacaag	tggtatcata	tgcaaagggt	taaggaccgt	300

<210> 783
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 783						
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ccccaagtgc	tgggattata	gatgtgagcc	cctgcaccag	acaattatat	ttatttttaa	120
aaacgccccct	catgaagtct	gggtaattct	ctccagattt	ctccttatca	acaaatttat	180
aagagttagg	aaaaaaatga	tgtaaataaa	gcacttaaat	tgcgacagtg	gttctattct	240
taacatcata	atgcttatga	ctaaggagca	ttcttttttt	tataaattaa	atgtattctg	300

<210> 784
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 784						
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gaaatacaga	acatttcctg	aaaccgtgtg	gttgagggtga	aacaggcatt	ttgcagtctt	120
atatttttgag	taaggccaaa	cctgcctagt	gttataaaac	tagacaaaaa	accagggtac	180
ccggtcttgc	aggatagaaa	tgtgtgacta	aaatgaagca	tcgatctgag	aagactacaa	240
attagcggga	acctttggac	aggagcatgc	tatacattac	ttagattaat	gttgatattt	300

<210> 785
 <211> 300
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 785

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atgaagctgg	ataatttatg	aagaaaagag	gtttatttgg	ctcacagttc	tataggctat	120
acgagatgca	tcatgccacc	attttcctgg	agcccttcag	gaagcttcca	ctcatggcag	180
aagggtgaagg	gcagccagca	tgttcagtga	tcacgtgggtg	agaggggaagg	caagagagag	240
aagagggagg	ggtcaggctc	tatttaacaa	ccagcttttg	tnccgtnnca	tgaggtgaga	300

<210> 786

<211> 300

<212> DNA

<213> Homo sapiens

<400> 786

cctatctgtc	tactggttgg	tcttttacac	tacaggtgca	cagcaggaga	agatggggtg	60
acctcgtgag	tgctgaatag	cacgaggaaa	taaacagggg	aaggaagttt	gggtgaatag	120
ccaaaaggag	tgtatttttc	cagtgatact	ctcatatcac	cttttctaac	cttcacagca	180
tagatgtgga	cataggattg	gtgcctccat	attgagagtt	gaagcatctg	tggcaaaata	240
ctgtgtcatg	cttgggtgcta	ccacttgaaa	cagtgtctgga	acttagattg	ccctcgtgct	300

<210> 787

<211> 300

<212> DNA

<213> Homo sapiens

<400> 787

gggttcttta	acctgtgctt	cctctgtcct	acttcccatc	ctgcacagtt	catagagtca	60
ctttctgact	atcctataga	cacagtaatt	ggacctgtgt	ttttttctaa	tctttatatg	120
acagcacatt	tcctaattca	gggaccatcc	cctatcccaa	attccatcct	gtgagatgtg	180
aaacctgtga	gttcatgtga	atgagtggtt	gaagggccttg	acgccatgta	gtctcttagg	240
aaggcttcag	ggtgctctta	tgttgttgct	ttgccattat	caaatggcat	tgattgatcc	300

<210> 788

<211> 300

<212> DNA

<213> Homo sapiens

<400> 788

gccaagctca	gtttttcgcc	ttgaatatga	agatgctaga	aagagctctg	catttaagca	60
gagccttggtg	caattcccg	accaaagtgt	gaaactgcaa	gagtgcctt	taaaagacct	120
tcttaggcat	gtgacttggt	ctctaccaga	acctttgggc	aacatgaagg	aagtcaaagg	180
catttactgg	cttgtgtgtg	ctgcctgcac	agcacctgac	cctcaaccag	cgtgtttgct	240
cctgcttcag	tcaactttat	atgctttggt	cctgtcagat	aatctcggct	caatgagcat	300

<210> 789

<211> 300

<212> DNA

<213> Homo sapiens

<400> 789

agtcattaca	agttaggatc	ctgggtaaat	ggcaacctcc	acctcccagg	ttcaagcagt	60
tctcctgcct	cagtccccc	catagctggg	actacagggg	cacaccagct	aatttttgta	120
ttttcagtag	agttgggggt	ttaccatgtt	gaccaagctg	gtctcaaact	cctggcctca	180
agtgatccgc	ccaccttgac	ctctcaaagt	gctgggatta	caggcatgag	ccatcacgcc	240
cggccagctg	ttgggttctta	atgacacagc	ttaactttat	tgtgaaaaga	ttgcagcaac	300

<210> 790

<211> 300

<212> DNA

<213> Homo sapiens

<400> 790

ctcattttat	tttgcataata	ttaaattgag	taggttcagc	tctaacatac	cttaggaaaa	60
atgcatatcg	gtgcactgta	tgtatttcaa	aatgcctttc	ctatgattgt	catgtcctcc	120
tttaaggctt	ttccctcaaa	tttattacaa	atttagtatt	tttagtactt	gatgactcta	180
attacatgaa	tgcacctgga	atgacatttg	taacagaaga	cagtctgact	tgctttcagt	240
attcacaagt	tctttccagt	ttccaagtct	tttcttagca	gtaatttagg	ggagacagag	300

<210> 791

<211> 300

<212> DNA

<213> Homo sapiens

<400> 791

atgcctgcc	gctgagaggc	agttggaaga	ccaacaagct	gagcaggcat	ttcagcagat	60
tcagcagtc	gagtgaccca	agaaggggtg	tttagtttgg	agttttcaaaa	ggccatactg	120
taatagtga	ccagaaatca	agcagccctc	agaaagactg	aaacgcattc	acggatcatc	180
tcaatctgat	tgcataaagg	tggttcaaga	tttatttagt	ctttttactc	gcctctccaa	240
tttttcatat	ataatgtcca	gcaccacatc	aaaaataacc	cagcatagat	ggagataaga	300

<210> 792

<211> 300

<212> DNA

<213> Homo sapiens

<400> 792

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ctttgactct	gccacctccc	actactcagc	tactcatac	ttcctgccat	ctttcatctt	120
cccaataagt	atatcatttt	cattacatta	gtatcagact	ttacattatt	atgaccatgt	180
aaatgctatt	tctaactgag	ccatgtagta	tactctgatt	acttttccct	tcttgacaaa	240
ctttttcttt	tctatggatt	gtactttatt	ttttattggt	tatttgctaa	gctttctgga	300

<210> 793

<211> 300

<212> DNA

<213> Homo sapiens

<400> 793

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atgaataatg	gagggatata	gttcgggtcca	taacatacac	taactgtctt	tgtataactaa	180
tcttcatttt	gacagattgt	catttaagaa	aaaattattc	ttaagtagaa	tcattgactt	240
ggaccaaat	ggaagcattg	ttgtcacctc	tcttttggtg	cttccttttt	acctttggat	300

<210> 794

<211> 300

<212> DNA

<213> Homo sapiens

<400> 794

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aacatttgtg	caatgctggt	gggaatgtca	acccgtgcg	ccctctggaa	taagcctggc	120
agctcctcca	agagttaccg	tgtgaccag	caattccact	cctagctcca	cccacaggaa	180
ttgaaagcaa	agacgcaaac	agatgcctgt	gcaccaaagt	tcacggcagc	atccttcgcc	240
atagtggcag	catccgtcgt	cacagcggca	tcatcettca	tcatagcggc	agcatccgtc	300

<210> 795

<211> 300

<212> DNA

<213> Homo sapiens

<400> 795

ctgccatgac	tgtcatcttc	ttcatcgta	gtcagtttat	ggaccccttg	aattctatcc	60
aaggacaccc	aagaggaccc	caagtttgga	gcctctagag	ccctgttggt	ggctctgcca	120
ctggggagtg	ttagcgttgc	tagctctgct	gaggttgaaa	tgaacgtgga	aaaaataaac	180
tgatacacat	atatgtcttt	gtaagttctg	ttcaccacat	ctgctttgac	ctacaacact	240
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<210> 796

<211> 300

<212> DNA

<213> Homo sapiens

<400> 796

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gctaattttt	tttttttact	ttttacagag	atggggctct	actatgttgc	ccaggctggg	180
cttgaactcc	tggttcaag	tgatactcct	gcctgagcct	cccaaagtgc	tgggattata	240
gacatgagca	attgtacttg	gctcaaattt	ttgttttaat	tgggcttttt	gtcagaagaa	300

<210> 797

<211> 300

<212> DNA

<213> Homo sapiens

<400> 797

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gactaatggc	ccaggagacac	acagtcaccc	tctgcaggca	acagtcaggc	ttctacttgc	120
tgaagccgtc	aagggttga	ctgtcacact	cagtgttctg	gaaaacaaat	cagtaaagca	180
atttagagga	tcttttgcaa	atcagagaaa	aagaatcaat	acaaggcgaa	agaattctga	240
tcagcacttt	aaaacgtgct	tatcagaaac	ttttcttctc	tcttttaagc	tttggttcta	300

<210> 798

<211> 300

<212> DNA

<213> Homo sapiens

<400> 798

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gtatcatcca	cattacagac	cccgttgta	aaaactgaaa	ttctgactgt	aacgccatca	120
tgggatagtt	ctgacctgct	tgctagtga	tatgtgaaag	cctgaatttt	gcttcaaaaa	180
agccattcag	gattaacagt	gtattgtgta	ataaagtgga	ctttgtgtga	aagttggaga	240

tcccttgtag ataattcaga actactggaa gtttcacagt acacttgtaa atgatgaaag 300

<210> 799
<211> 300
<212> DNA
<213> Homo sapiens

<400> 799
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ctgccatgta tatccgaggc tttgggccta ggggccttat cagtgtgaaa ttagtcccca 120
gtgcaaagca gccagtctcc caagagacct tggcagagct gggagttctg tgtgctttgc 180
cttttgaaga ctcatcagc tctgccatgt ctctctaca ctgttttgta caaccttact 240
gcacacttaa cactcgcatg gggatgcagc agtgcctcgg cataaggatt ggaggactgt 300

<210> 800
<211> 300
<212> DNA
<213> Homo sapiens

<400> 800
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taatcccagt gttttgggag gcctaggcgg gaggatgcct tgagcccagg agattgaagc 120
tgcagtgaat tatgagccaa tgcactccag cctgggtgag agtgagacct tatctcaaaa 180
cagcaacaac aacaagatac aaattgagaa actgttactt gatttgcgat atgtattctg 240
tccagcagtg atagaataac aaggactggg tttacctgac tattttaagc aacaatatat 300

<210> 801
<211> 300
<212> DNA
<213> Homo sapiens

<400> 801
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agacaacaac aaatgagaca acagagatct gaaactctgc ctggcccctg gtatatacca 120
agtccacagt taaattagcc tttgttacta aatcattggt tgggtagaaa tcctcagatt 180
ttggatttct caagtgtctc ttttctactg tccaaaaggc agaatgttat ttttgcctga 240
ttccattatg taatatccta tgaatttgaa atttcggagg aggcacagca tggggctgtg 300

<210> 802
<211> 300
<212> DNA
<213> Homo sapiens

<400> 802
gtgtggaaac aactttgcat ttgtaaacag tttcccctgc gtgcgaagag cctagaaact 60
actctctctc ttgagatctg atgtccccag tcccctcatt gttgaatgtg aatagaatag 120
gaaccaccgt tttgcaactg tcatggctat gttgagttat gtgggggaga agggcatatg 180
gtagtaaact gaattctcct gtctgcctac agctgcattt ctcaattgtt tctcttctct 240
ttagtgctgt gtacatacct ctgtcagcac taataacgtg taattatttt atctatttac 300

<210> 803
<211> 300
<212> DNA
<213> Homo sapiens

<400> 803

gctgtcgggc	ctcagcagag	ctgcctaccc	acctgagctc	cgattcatgt	actacgtcga	60
tggcaggggc	cctgatgggtg	gctttcgtca	agtcaaagaa	gctgtcatgc	gttatctgca	120
gacactcagt	tgacacttgt	tatatcatgg	gaccccgga	attggagtga	agctagaaac	180
agaaaaccca	tgcagggcct	cggattccca	caaagtgtgac	aagagggtata	gggagtgagt	240
cgcagcgctt	tgctcgtgac	cctgggatca	gagcacccat	caggcttcca	ttactgtggg	300

<210> 804

<211> 300

<212> DNA

<213> Homo sapiens

<400> 804

cagagaggca	gggataccag	atatggggaa	atctgtaatt	acatgcaggc	attaaatatt	60
taaatatata	ttttcttctt	ttaattgtgg	taaaacacat	ataacataaa	atttatctgc	120
ttaaccattt	ttaagtgtac	tgttttgtag	tgctgagtgt	attacattat	tatacaacca	180
atttcagca	ccttttcatc	ttgcaaaact	aaaactcttt	acctattaaa	caactactcc	240
ctgtttctcc	ctcctcccag	tccatgagaa	gcaccatttt	actatctttt	ctgtgagttt	300

<210> 805

<211> 290

<212> DNA

<213> Homo sapiens

<400> 805

atgaggatatg	aagccattta	atacgaagaa	gagctaaaag	aatgagaacg	tgattgcatg	60
aaatgttttag	ccagaaatct	tgggatatag	gagaagaggg	ggagacttga	ttgattaggt	120
tgtaaataatt	tgtcctatgg	accacggtaa	cgtggattag	cattcagagt	agtaaccagt	180
agtgggagtt	ggagtcatag	agtattgggt	ctctttatcc	caggagattt	ccaatggggg	240
cagtttctac	tgacctttta	gagagaccat	gctatgctgt	cttttttttt		290

<210> 806

<211> 300

<212> DNA

<213> Homo sapiens

<400> 806

ctctagcatg	tgccataaat	tacagtgacc	tttaaaatct	cgcttggtea	ctgctgaatg	60
ggtgagaata	ggcttgggtc	cagtttttaa	ggtcacactg	tcctaatttg	caatgcatca	120
caccatgtac	taagttggta	acaaccgctt	agaggaaagc	tttcgttatg	caagggagaa	180
catcaaaaag	ggcacttata	ccaaatgaat	gcagcaattt	aaaccaaaga	tgtttacgca	240
gggcaagaac	aaagtaaggc	aggagtttgg	ggtcaactag	gctgatgtct	ttgaacaccc	300

<210> 807

<211> 300

<212> DNA

<213> Homo sapiens

<400> 807

atcgagacca	tcctgggctaa	cacggtgaaa	ccccatctct	actaaaaata	caaaaaatta	60
gctgggcata	gtggcaggtg	cctgtagtcc	cagctactcg	ggaggctgag	gcaggagaat	120
ggcgtgaacc	cgggagggcg	agcttgcagt	gagctgaaat	tgcaacactg	cactccagcc	180
tgggcgacag	agtgagactc	cgtctcaaaa	taaaaaaata	aaatgggaat	atcaataggg	240
cctatttagt	agggtggaag	tatagctcta	atgagatggt	ccatactggt	ccccagcac	300

<210> 808

<211> 300

<212> DNA
<213> Homo sapiens

<400> 808
 aaatatttttc attggttata caactgctgt gtcttttctg agaaactcag ccccaatgtg 60
 taacaccctg gattccacgg ggcagcaa at tccacacact gcacccatgt tgtgagcgga 120
 gatttttcggg ctgacaaaaa cttgaggcga actgagtctc catcttaaca ctcaaacaca 180
 cttcatggcg gcctggaaac aaggcaatca ttatgaagct tcagcccagt tcttctgaaa 240
 ccaacgtatt gggcctgctt cattgtctct ctaggggcta atcacaaaca tgtgggaagg 300

<210> 809
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 809
 gtgggtggctc acgcctgtaa tcccaaagt catggattac aggtgtgagt gagccaccgc 60
 ggccggcctc tatcattttc tgactcagca gctccaccaa aattgacatc ctagcaaaca 120
 ctgtgaagga attaacctaa gtgcttccag agcatctcat gtaaccteta tggagtaagt 180
 cactttttct gtaacatgtg gcttttgacc ttgatgaaga ctttgacttc tcatccctgt 240
 ctacatggag gaagatgatt cagtgggtgg gaaaatgaac ctgggtaaca tttccaatgt 300

<210> 810
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 810
 ttatgaccta tctttgttaa ttttctctt tttccaggcc tgattctctt ttttggatag 60
 aggaatatatt ttgaattctg gttttgaaat atgagggaag gccaaagtct ttaggaaagt 120
 tttacataaa catctactta gcatagccga atagttcttg actacaccag aaaagaagtt 180
 tgagcttcca gtctttttta ttgtagacag gaaggtaggc aggagagcaa taggaaggct 240
 cgacaggaaa gcagtttctt agtcggttagc aaagggaagg tttaggtcca gtttgtgcag 300

<210> 811
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 811
 cagctatagc actaggcagc cttgcctcct ggggtgttgaa agtgcaggcc attatcctcc 60
 cctctgacct ccaagatgtt aggtggcctt tctgtgcctc agttttatca tctgtaaatt 120
 gggatgatt gtactagtgc ctagtacata aggagtgtc caaagattac atgagtgtct 180
 ttaaagtcct tacaacagta tctcacacat agtaagcatg gcatgtggtg gttactatca 240
 ttagtccctc ttggagcaat gtatattaaa attttaaga cagctgtctg gtcaggattg 300

<210> 812
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (300)
 <223> n = A,T,C or G

<400> 812

ggcacagtca	gggagttagt	tagtggtaga	ctcagcagga	gttggttgct	attcagatgt	60
gttggggaaa	gtgacaggca	tagctgactc	ggggtcattc	actaagccag	gagcccagga	120
agacacacag	atgcaagcag	agatcgtgcc	attacactcc	agcctgggct	acagagttag	180
actctgtgtc	aaaaaaaaaa	nnaannaaan	gggccttgng	tggtagcagg	tanaaaattg	240
aatntcngtt	gncatnagnn	acctgtntctg	tatgatcnct	tcccattccc	cagntgacgg	300

<210> 813

<211> 300

<212> DNA

<213> Homo sapiens

<400> 813

ccctccttgc	ccagagcagg	cattgctcat	ccactaggca	cttcttctctg	ccaaggcacc	60
tcttctctgcc	aagtcagtgt	ctcacgatcc	ctttcaacac	agccacgagg	aagccatgat	120
acatcaactg	gcactggcaa	ataaaatcaa	acctattttgc	ctatccagtc	ttatcccact	180
ttgttgtttt	ctctaagtag	ttggaaaaca	acatgtccag	agaaaaatac	cagaacttat	240
tctgagtatg	ttcttcagag	caaaccttta	gaatcttaat	gatgttttaga	cactcaggaa	300

<210> 814

<211> 162

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(162)

<223> n = A,T,C or G

<400> 814

ctcggagcca	ccccggaaga	ccatgcgcag	aggggtgctg	atgaccctgc	tgcagcagtc	60
ggtacatgac	cctgcccctg	tggatcgcta	agcctggtga	ctagctanna	cctatntggg	120
gctctctttt	gttttngana	ctacatagga	cgatcgtgga	ta		162

<210> 815

<211> 300

<212> DNA

<213> Homo sapiens

<400> 815

ggcaacaaga	ccaaaactct	gtctcaaaca	aacaaacaaa	caaacaaaaa	acaatcacat	60
tcaaagctta	gccaggagaa	aaggcgctag	gagatacccc	actgggatcc	ttgaagaatc	120
ataacctaaa	aatagatgtg	aacctgaagt	agacaagcga	tacaaaatct	cagttagctc	180
agtctgggat	tggtttagct	tgatcactcc	cattcagctg	cctaccagag	gactgggcga	240
acgatcactg	aagaaagatg	ggagtctcta	cctttctcat	aagttgtttc	aatgaaaaat	300

<210> 816

<211> 300

<212> DNA

<213> Homo sapiens

<400> 816

ttgacggcgc	gggctctgga	ctcgtctgctt	ggtaaaaacc	tctctcttcc	tccagtgcgg	60
gacgcactct	ctggtatctc	ttttgacctc	ccggaggctt	tcctttgtcg	gtcgcggcgc	120
cactgtacta	tggcatacct	cgttttatta	cgcttcgcag	atagggcatt	ctgaaaaaca	180
atggaggggt	tgtggcagcc	ctgagtccag	caattgtatc	agcgccattt	ttccaacagc	240

atgtgtctcac ttggtgtctc tgtgtttacat tttggtaatt ctcaaaatat ttaaaacttt 300

<210> 817
<211> 300
<212> DNA
<213> Homo sapiens

<400> 817
cagagcttag acatccaaaa ctaatcaatg ctgaggtggc taaataccta gcctttttaca 60
tgtaaacctg tctgcaaaat tagctttttt aaaaaaaaaa aaaattgggg gggttaattt 120
atcattcaaa aatcttgcac tttcaaaaat tcagtgcagc cgccaggcga tttgtgtcta 180
aggatacgat tttgaacct atgggcagtg taaaaaatat gaaacaactg ttccacact 240
tgcacctgat caaaagcagt gcttctccat ttgttttgca aaaaaatggt tttcatttcc 300

<210> 818
<211> 300
<212> DNA
<213> Homo sapiens

<400> 818
gagacctcta acctcccgca gttgagcaaa tacactctga gagacattag ggactgtggc 60
aaaaagcagg caatccatgt gtgtcactta agccttgagc acagttcagt aggcaacaaa 120
ccaggaactg tcctggcaga taagacagac tgtgcaaggt catcgtcac ggcatgggaa 180
gggcattaat taccaaagtg gagacacagt cactgtctcc aagagcattt ggaatcactt 240
cacagagttc tcaaggaggg gaaggctatc tgtcagctcc tggcgggact gctgccccat 300

<210> 819
<211> 300
<212> DNA
<213> Homo sapiens

<400> 819
agtgtgatct gcaggggagag aaccaattac agtatgcttg gagaggggtga catttattct 60
gctgaacctc ttctctgctt cacataacgt tggccacttc acctttcctg agatgtctct 120
gaggatgggc atatttttaa gacttgagct tacatcatcg catcttgaaa gaaccgagta 180
taattgagtt gctgatacaa gtgggtactt gcaccaggtc cgggtcaccc acatctctat 240
ggaaacacat gtttgcttta aagcccagca atcagaagca gatccttata ggagccagca 300

<210> 820
<211> 300
<212> DNA
<213> Homo sapiens

<400> 820
attaaagttg aagcctttct aatttttgaa ggttgagcac tttggttatt catggtttta 60
tatgacgac atcttttata catcgctgca gttttctatt ttgacttgaa ttggaggcag 120
agctccacca cccagtggtg tcgtctgatt tcccagacta gagtccagcc tttcctgtgc 180
ttgcctggct tccctccatg ttgcttccca ccccaccatc tatacccttc acatccaaaa 240
tccaaaacct cacactcata cgagaatccc tgtaggggtc ggtttatatt tacacactaa 300

<210> 821
<211> 272
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (272)
 <223> n = A,T,C or G

<400> 821
 cctcattatc caccacgcac agatggtaca gctggggctg aacaaccaca tgtggaacca 60
 gagagggtcc caggcgcccg aggacaagac gcatgaatgc agaatgaccg cgtgtncctg 120
 nctgatcacc tggggatnac ccctgnaccc ntgtnttgnt caggacntct tatagntnct 180
 nnngttntct ttttntnant gttgtnttga tnnnttnttn ntttnttgnn gcttnaaggt 240
 ntatgtntn tngtggtnat tttanntgat tt 272

<210> 822
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 822
 cagatacagc ctagtgtccc tcagttacac aatagtgtgt cccccagtgg taggacagtc 60
 tactactgag tcctcctggc atgagtcgag ctgagattag gatagggtaa tgacccttca 120
 gttttgggga agggaccaga gctcggccag tgagaagctt ccagctccgt ctggccatat 180
 ccaggctgct gagggtcctg ggctctgtcc ttaaacctca tcaactgacat gaccagcaa 240
 acctcctcaa gaggaaaaag tccccttggg tcaaacacag cttgtgcagt tctcggggac 300

<210> 823
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 823
 ctttgccatt gtggctgtgc gagctcagcc tcctggaaac ccgccctgag cttgggttaac 60
 agcattcact ccaggtttag ccagctcca gggtatcgca ggcaggactc ccgagaacag 120
 gttcatgttt gctttttggg aggtgctgcg ctaaagtggg aaaccaccct gggccgagtg 180
 ggacctcccc agctgggagg ctgttaacca gccaggatgt ctgaccctga gaagtcaccg 240
 tgcactcttg ggactcattc ttctcatcag caggatgggg tgatggagcg ggccttactg 300

<210> 824
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 824
 ggcagagaat cccttgtaga aagggtgggg agaatcatag gatattataa ctgtaaggaa 60
 catgcaagat tttccagatt atacccttga tagaatagat aagttcctta aggctcagat 120
 cttgcttaaa gtcgtccagc ctgttagaga caagtagaac acgaagctgg cctctggagt 180
 ctttattgag tactttgtac aattggtgta gactgggaga gccctcctca cttccccttt 240
 cttgtgctgt aatttcctgt ggggcagaac acctcagagg tttctgtgca tcaaaataag 300

<210> 825
 <211> 269
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (269)
 <223> n = A,T,C or G

<400> 825

gaacaagctc	agcctcatca	acttcagggtg	agtgttgggc	tagaggtaga	ctaggccttg	60
agggtcacagc	ctgctctcca	cacagtgagc	tccagactcg	agattttctc	tcattccatt	120
ttgggttctca	gggaaagagt	gaggcaggca	gcactccctc	gactcacact	ggcttctgca	180
taggggtgctc	tggggaagct	tggccttatg	ccataaggca	tctgggcagg	gccactgnag	240
ctgnctgatg	tagcctgcct	atttagnat				269

<210> 826

<211> 300

<212> DNA

<213> Homo sapiens

<400> 826

cacagaccca	gaacctgcta	tgcggaacaa	ggctgatcag	caacttgtgg	aaatagacaa	60
aaaatatgct	ggattcattc	atatgaaagc	agtggctggt	atgaagatgt	cttaccaggt	120
acaacaggca	atcaacacat	gcctaaaaga	tctgttaagg	ggtttcagac	aagacgagtc	180
ctctagcgct	ttgtgttcac	acctttactc	catgatccgt	ggaaaccgcc	aacacagacg	240
agccttttctt	atttctttac	tcaacctctt	tgatgacaca	gcaaaaacag	acgtgactat	300

<210> 827

<211> 179

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(179)

<223> n = A,T,C or G

<400> 827

gagctgctca	gagctgcctt	gaaggacggc	cactcaggcg	tgccccctgtg	ctgtgccacc	60
ctgcagtggc	tccttgctga	gaatgctgct	gtggacgtcg	tgagggcccg	agcactatct	120
tccatccagg	gagtggncct	tgatggcgcc	aacgttcacc	tcatngtncg	anaggatgg	179

<210> 828

<211> 300

<212> DNA

<213> Homo sapiens

<400> 828

gcttgaagtc	tccttggaat	ctttccttgt	gggtgcacatg	ttcttttgat	tttattccac	60
ctttgattgt	cccatagcaa	aacaaagaac	ccacttaatg	gaagaacttg	acattctccc	120
atgtttgttt	caaagccaca	taggcattgt	tctacgagat	gctgctttga	taatgagttg	180
gttatactcc	tgcactctac	tcaattgcat	aaacattctc	taattcctaa	tggaaaggct	240
gaagaacctt	aagcctactc	acttggacct	gctgttgatg	agtgcctggg	atgctgagtt	300

<210> 829

<211> 300

<212> DNA

<213> Homo sapiens

<400> 829

ggtaagtaac	ctgtgcagag	cacagaacta	ggattcagac	ctacagaccc	acaagtcagc	60
ctctaaggcc	cacttataac	tgtctttctg	cttgcaaggc	cctatggatg	aaatccagtt	120
ataacctcct	tttgctataa	ctagacacag	agggaggcgt	ttctccctaa	tctgtattta	180
tccagacaag	ctgtccagca	agattttctga	gtgaggggct	ttaaggaagc	aatctgcggg	240

tgtgtagcct tttctccctc agcaaataca gaaggagctt atagcccggg ctcacccctgc 300

<210> 830
 <211> 296
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (296)
 <223> n = A,T,C or G

<400> 830
 ctgggtcannng gnggctgnnc cctncccnng ccnaccggcc ngccncatgg gtttgccctn 60
 cccgggcnncn ccnngggntn cngggntggg ngctnnaccn tccccccctc agggntatnt 120
 ttncctntnc ccttnccctnc ccgncnanan ntttnccnng ggngggcnaa aaaaaaagtn 180
 aaaagaaaag aaaaaaaaaa aagaaacaaa ccacctctac atattatgga aagaaaatat 240
 ttttgcgat tcttattctt ttataattat gcggaagaa gtagacacat taaacg 296

<210> 831
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 831
 gtgggctctc ccttaaagac acatggccac agacacctcc ttcggatatg taatatgcct 60
 tcccctgcgg ccttccgtgg tcacagcaac agggactgct cccccctcc agctggggct 120
 tttctaaca gcacagtcag aaatgcgcag gcctgggggtt ggggatgaac agaagttgat 180
 tagtgggcac agaaatacag ttagatagaa ggaatagttc cagcattcga tattacagta 240
 gggagactgc atttaacaat aattgattgt atatttgaaa acagctagaa gaataagaat 300

<210> 832
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 832
 ggcacttgag aagtctaaga gaagctctaa gacgtttaag gaaatgctgc aggacagggg 60
 atcccaaaat caaaagtcta cagttccgctc aagaaggaga atgtattctt ttgatgatgt 120
 gctggaggaa ggaaagcgac cccctacaat gactgtgtca gaagcaagtt accagagtga 180
 gagagtagaa gagaagggag caacttatcc ttcagaaatt cccaaagaag attctaccac 240
 ttttgcaaaa agagaggacc gtgtaacaac tgaaattcag cttccttctc aaagtccctgt 300

<210> 833
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 833
 ctctcaaata gaaatgggag ataagaaata tatctgtgca atattaaatt gaaaaaaaaa 60
 acccataaaa agtgtcaaag gcaaataatt tgctctagat cacaaaacta gtagcacaa 120
 ggctaggatt ataaccaggg tctaggaaaa aatcctgaag gtgatttaac tgagtgttag 180
 gccctgtcaa gccacgtgct aaggctcatg gtctttcaga ctagcttcaa cattccaaat 240
 caggcaatag ctacaacgga aagataattg gacggggaat cctgagatca gagtcctagt 300

<210> 834

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 834
 cagacaagaa tcttccctgc cgtcccttag tatgtgcagt actggacctg atggtagagt 60
 ttattgtaac acacatgatg aaggagtttc ctatggatct ctatatacgc tgcattccagg 120
 tagtacacaa actgctctgc taccagaaga agtgtcgggt acgcctgcat tacacctggc 180
 gggagctctg gtcagccttg ataaatttgc tgaagtccct tatgtcaaat gagactgtac 240
 ttttggccaa acacaacatt tttacattag cccttatgat tgtgaaccta tttaatatgt 300

<210> 835
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 835
 agaccattta actctacccc acactttcag tgggtgggatg tgaggaagaa agcccatgcc 60
 aagctaactg aaagcttatt tggctccaat tcggctgatg ttcctcact gcagaatgtc 120
 ctggaaacca agggtttgca gctcctaaac ctattgcatt aggcacaccc aagaagaaat 180
 cctgttcgat gcacatgctc cagtttcaat cagcaacaag gtcaaaagtt tccccccact 240
 ttctgttcca cagtgcgttc cccttgccgc cagacattag gcacagattc atccctattg 300

<210> 836
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 836
 ctcaccaatt agcactgcc aagcaggtct gtgaattgca tgtgaaaata gaatttgctc 60
 agaagtgtc atgcaaattg tgcaacacaa atgtggcctc catgtcaagt cctttcacgt 120
 gttctgacag actcatgtct ttcagattt ctctgatcgg cgcacccac cccttgaca 180
 gttaccagag ctcataagcc aaaggaaata gttcctgttg ccatgagtac tgtgtctgtg 240
 gtgaggttta tgagctgtc ttagggctgg gtttttgct gagaaaacaa tcagatttcg 300

<210> 837
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 837
 ccaacctgct gtccctcaag ccccgcttct accagcctgt ggagttcagg aggcgagaca 60
 tcttggcctc ctttgagaac tgatgggatc tacccctgt ccacgcggga cagtttctca 120
 gaactgggtc atagaccacc tgtgtcacca acagccagat acctaattcc tgagcctcct 180
 ttgggaaggt ctggggccga ggggtctggga attttttttt tttttttngg nacanagtct 240
 nnttnngtca ntgcantcca nccngggnaa caaatcgana ntccntttt aaaaaaaaaa 300

<210> 838
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 838

ctaagcccca	aaacgaactt	caaactgggt	gtggtggcac	gtgccttttag	tcccagctac	60
ccgggaggct	gcggcaagag	gattgcttga	gcccaggagt	tcgagtccaa	cctggggcaaa	120
agagtggagac	cccattctcta	aaaccaaaaa	ggtaccttag	aagggtcacct	ggttggctaa	180
cctttttaaag	gcaggggctg	gacacgtagg	acacattggg	aatgtcttgg	ctactacatg	240
tagccttctg	ggatatatgt	gccacagagg	agaagcactg	agcctgaaga	aactagatga	300

<210> 839

<211> 270

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(270)

<223> n = A,T,C or G

<400> 839

atnncnntcg	nnaannatnc	nagaaattnn	naagtnttna	ncanananaa	naaatnancn	60
cgcnanngna	aaannnnngn	nnnncgaccc	caccagctct	gtataggcct	caaaggggct	120
gggagtgggc	tgccctctcg	gtaggtgagc	ttggcaacgt	gtcttcaggt	tggagagagt	180
ggataggcaa	atgccataaa	gcacatttcc	agttcctgtg	aaactcctct	ctccgcaaaa	240
agtggagAAC	aatttgagga	ctgaaataag				270

<210> 840

<211> 300

<212> DNA

<213> Homo sapiens

<400> 840

gccacttgac	acagtgagtg	gcctctttaa	tctctcggtt	ctctaccatg	tctggctgtg	60
tgggtgtctt	ctcctgacga	cttggtatgt	ctcatggata	ctcttcaaaa	tctatgccac	120
agaggctcat	gtgtttcctg	ttcaaccacc	atttgcagaa	gggtcagatg	agtgccttcc	180
aaaagtgtta	aatagcaatc	ctccccccat	cataaagtat	ttagccttgc	aggacctgat	240
gttgctttct	caatattctc	cttcacgaag	acaagaagtt	ttcagcctca	gccaaccagg	300

<210> 841

<211> 277

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(277)

<223> n = A,T,C or G

<400> 841

gttctcaggc	cttccaggta	gtcccccttc	tggacttaag	agtgcaaact	cttctctgtg	60
gttctagcct	tgggcagaat	tatatcccag	agaccacaga	gcaactgtca	agctgcttac	120
ccccctaccc	agggctacag	cctgtgccca	gccctctaata	ttgtgcctct	cttgtgttgg	180
gggaggatga	gggaggttcc	nttnccttcc	ctgcnntggn	ctnctanaaa	gntcanagna	240
cccantgnaa	ganancctta	angnncagca	tttagtg			277

<210> 842

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 842

gagacctcta	acctcccgca	gttgagcaaa	tacactctga	gagacattag	ggactgtggc	60
aaaaagcagg	caatccatgt	gtgtcactta	agccttgagc	acagttcagt	aggcaacaaa	120
ccaggaactg	tcctggcaga	taagacagac	tgtgcaaggt	catcgtcac	ggcatgggaa	180
gggcattaat	taccaaagt	gagacacagg	cactgtctcc	aanagcattn	cnaatccttc	240
acagagtncn	caaggngggg	gaagcctatc	nnncagctcc	ncgcgggacc	ggctgcccc	300

<210> 843

<211> 300

<212> DNA

<213> Homo sapiens

<400> 843

cgaggccagt	tccaggccca	ctttttgccc	tgtgagcccc	ctgcatttct	ggtttctcct	60
tttccaggca	gctactcggg	ggagcttctc	tatttaacat	ctagtttgt	attcatgtct	120
tttgttgttt	ctttcagtga	tgttgcttat	ttccccaatg	acactgttgg	gagcttctta	180
agaacaggct	gtctagggac	aaggatgtga	agtgggtaca	gggaaaagta	ggccgtttag	240
gacctgtggg	tgtgtcatga	ctgtgcttgt	atctcttgtt	agctttgtgg	ccttaggttc	300

<210> 844

<211> 300

<212> DNA

<213> Homo sapiens

<400> 844

actgaatggg	ctgtatctgg	ggaatcaagg	tattagggtt	gagcaaaagc	aagaggaagt	60
agagcatttg	atctcttttc	ctttgattag	gttgaggaca	ataaagtctc	attctctccc	120
ttcttcccat	gggcagcctt	atatatgatt	gaagaacatt	agtgc aaaga	ttcctcatcc	180
agaaataaac	tcttgtactt	ctatacta	taaagattca	tgtaaattac	taagttcttg	240
gaaaactatg	gagaactctg	tgggggctgt	cattcacact	ttagtatgaa	ttggttta	300

<210> 845

<211> 291

<212> DNA

<213> Homo sapiens

<400> 845

actgagtctg	ggggcactga	gtcagagcca	gctccgcctg	cccaccatga	ctgggtggct	60
cttatacaca	tgtactcttc	ccatctccag	gtcccagatg	tcgaggcctg	tccactctcc	120
ttttccctta	ggcagggatg	gaggggcgtg	tcagtcctgt	ataatttgga	gtgactggag	180
gggtgggggt	attgatgcat	ggtattccag	taaacttctc	tgcttgtgtc	ctaaaaaaaa	240
aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	a	291

<210> 846

<211> 300

<212> DNA

<213> Homo sapiens

<400> 846

```

attgaaaaag agagttcatg taaagccgat tattatttaa tctaaagtta tgttcacata      60
ggaagcacta gtgtagagaa ataggggtctg agggacaagg agcctgtgtg cccgtgtcgg      120
cagccgagta actgccaaagg gtcccctgct tggcactctg ctgtcccact tgcttcctgc      180
cctctctgga ttctaacact tgtgccattg tgcacccgtc tcagggtcatg gtgctgttac      240
ttggtgagaa agcattatatt aaatacccca gatgaggagt taggcacttt ctccagtttt      300

```

<210> 847

<211> 300

<212> DNA

<213> Homo sapiens

<400> 847

```

cacctaacat taggtggcac ttaatagtga tgataatcac ttatggagtc tactaagatg      60
tttgtgaatc ctttctccca ttcaaaaatc ttgacaaccc tgtgagacag atatgctcac      120
cttactgatg agtacggggg cttggcaaag taggtatgtt gttcatatta cacagctagt      180
aagtggaaga gtcaatatca tatactccca gattcagaac tttaaataac cccatgctac      240
cttctagggg aagcttctgc tatgtgtttg gaggggttagg tgagagaaag gtgaatttta      300

```

<210> 848

<211> 181

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(181)

<223> n = A,T,C or G

<400> 848

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ccggagcaga gagcgagga gccgcggtac cccggcttcg tgctggggct ggatgtgggc      60
agttntgnga tccgctgnca cntctatgac cgggcggcgc gggctctgcng ctncagcgtg      120
cannatggnc anaatanntn nccttatctt tnntgnctng aanntnnntc tgnngtncntn      180
t                                                    181

```

<210> 849

<211> 300

<212> DNA

<213> Homo sapiens

<400> 849

```

ctccctggta ccttgactac caggaagtca ggtgctagag cagctggaga agtgcaggca      60
gcctgtgctt ccacagatgg ggggtgctgt gcaacaaggc tttcaatgtg cccatcttag      120
gtgggagaag ctagatcctg tgcagcagcc tggtaaagtcc tgaggagggt ccattgctct      180
tctgctgct gtcccttgct tctcaacggg ggctcgctct acagtctaga gcacatgcag      240
ctaacttggt cctctgctta tgcattgagg ttaaattaac aaccataacc ttcatttgaa      300

```

<210> 850

<211> 300

<212> DNA

<213> Homo sapiens

<400> 850

```

cagagatgag tcagaacagt ctccctcaatc ctgaaattca acaaggcatc agaagggctg      60
gctgtgggtc agcccagctg ctgtcatgtg aggagatgct cactgtgggtc ttgttgagct      120
gatggccttg gttgagctga tggacaagtg aaggaggcca tggggctgtg ctgtccttcc      180
tgccgtacgt gccattccac tctcttcagc tctccctca acagcatgcg agcccatacc      240

```

ttctgcatttt ttccaggcct gtgagggata taggcctccc cttggagcac tgagtccgga 300

<210> 851
<211> 300
<212> DNA
<213> Homo sapiens

<400> 851
acggtgtctg gtggagaaga gctgagcttc cctggcccct tctgaaatgg ggtcaggaag 60
gggatcagga gggggattac cctgatgcct gctgcctgct cccatttgat ccacccacac 120
agcctctcga ggtaggggct tggcaccctg ttgtccagct gtgtgtggcc tttctgaatg 180
acgtggttct tgggcatctg agccagtcgc cagccatgtg cctgccccca caggccctgg 240
gagttcctgg taggatccca cagctgttgg caagtctgag gtttgccttt gcagatggaa 300

<210> 852
<211> 300
<212> DNA
<213> Homo sapiens

<400> 852
gcctccctgg aggattctgg atgattctgg gagcaggctc tggactctac gtgcttcagt 60
gggaatctgg acacgtttct tacccttgg gcctcagttt cctcatctgt agaatgggaa 120
tgacaacagt acctacctca tggggttaag gctcaggcca gttaacaccc taaggagcga 180
tgcttggat gtcgtaaatg ctagaaaagc atgagttgtt atgaataggt cctggtgccc 240
cccaccttcc ttccacaaac caagacaacc aaggagccac acctgccacc tggctttgct 300

<210> 853
<211> 300
<212> DNA
<213> Homo sapiens

<400> 853
acaagaggag gcttatcggg aggaacagct gattaaccgg ctgatgcggc agtcccagca 60
ggagcgcagg attgccgtgc agctcatgca tgttcggcat gaaaaggaag ttttatggca 120
aaacagaatt ttcagagaaa aacaacatga ggaaagacga cttaaagatt tccaggatgc 180
tcttgatcga gaagcggctt tggcaaaaaca agccaagatt gactttgaag aacaattcct 240
taaagaaaag agatttcatg atcagattgc tgtggaaaga gctcaagctc gttatgaaaa 300

<210> 854
<211> 300
<212> DNA
<213> Homo sapiens

<400> 854
aatgtatttt ttcagtaagc acccagaggc ctccattcag gctgtttttt cagatgccca 60
aatgcatatt tgggcattag aaggctctgt gcacttagta gcagcatcat ttacagagga 120
tagatttggg gttgtccaga cgacactacc agctatcctt aatactttgt tgacactgca 180
agaggcagtc gacaagtact ttaagcttcc tcatgcttcc agtaaaccac cccggatttc 240
aggaagcctt gtggacactt catataaaac attaagattt gcattcagag catcactgaa 300

<210> 855
<211> 300
<212> DNA
<213> Homo sapiens

<400> 855

cttttttaag	caaagcagtt	tctagttaat	gtagcatctt	ggactttggg	gcgtcattct	60
taagcttggt	gtgcccggta	accatgggtcc	tcttgctctg	attaaccctt	ccttcaatgg	120
gcttcttcac	ccagacacca	aggtatgaga	tggccctgcc	aagtgtcggc	ctctcctggt	180
aaacaaaaac	attctaaagc	cattgtttctt	gcttcatgga	caagaggcag	ccggagagag	240
tgccagggtg	ccctgggtctg	agctggcatc	cccatgtctt	ctgtgtccga	gggcagcatg	300

<210> 856

<211> 300

<212> DNA

<213> Homo sapiens

<400> 856

ctgacctcct	cctcagagaa	agcactggcc	aaccagttcc	tggcccctgg	ccgtgtgcca	60
accacagcca	gagagcgagt	gcccgccaca	aagacgggtc	atctgcagtc	acgggcgcgg	120
tacaccagcg	agatgcggag	tgagctacta	ggcacggact	ctgcagggtga	gtcaccatga	180
acacaacagg	acttgagggc	cagctgacta	ggacaagaca	tgtatccttg	ctgccccggg	240
gcctccatgc	cgagactcca	tgccctgact	ccaacaggag	catcaccaaa	ctacacctgg	300

<210> 857

<211> 300

<212> DNA

<213> Homo sapiens

<400> 857

ggagggcagg	agagtgacca	agcagctaga	agagaggggtg	cagcacccca	aggagaggac	60
tgggggagtg	ggtgttccag	gaagggctct	ggcatgtaaa	gctgcacaga	agtcaaata	120
gataaagcct	gagagggatc	catgggattt	cttggcaaa	ggattgttgg	tgataaccagg	180
aagagcagct	tcagtggctc	atggggagag	aagccagatt	acaggagatc	agcaactgag	240
agagtgagtg	gagagcatct	tttaagaatg	tcttgagtgc	gggcccggctg	cgggtggctca	300

<210> 858

<211> 300

<212> DNA

<213> Homo sapiens

<400> 858

ggagtgggga	gagggcccac	acatattgga	aatgcagtgt	ctgtctcttc	ccctgaactt	60
ctggaaggat	caaatactgat	acacacaggc	aggtgtgttc	aaagtgtcct	gggggtgctg	120
atggaagaaa	gtgggagtg	ctgccatggg	ctgggtcagt	taacacccgg	ggtcggcagg	180
ctgatgggtc	aggagagact	gagtctacct	cccctttggg	agggatcaga	aaaatcagag	240
aaggggagct	gaaggctcca	cagcaggggg	ctgtggactc	aggctgaagg	acctctgagt	300

<210> 859

<211> 300

<212> DNA

<213> Homo sapiens

<400> 859

cacttgctcag	gggagagggg	acagcaaggt	gggaggttga	agagctttga	ggctcagcag	60
catgtttgtg	gcattcggtg	gacaccatgg	ccttgggcgg	ctggacaggt	ttttgtgatg	120
tgagggacac	gcatggggca	catggtaagc	ttggcaaggg	ctccaggaac	gctgacgaag	180
ggttttagga	ccccaccccc	catgcctgta	ccagggtctg	cctccagagc	gggtgaggac	240
agagcagctg	tgggcttttc	attctgaggt	cttggccccc	ctggccaccg	caagggactc	300

<210> 860

<211> 300

<212> DNA

<213> Homo sapiens

<400> 860

tttcagcttt	cgttaccagc	aggagctgga	ggaggaaatc	aaggaattat	atgagaactt	60
ctgcaagcac	aatggtagca	agaacgtctt	cagcaccttc	cgaacccctg	cagtgtctgtt	120
cacgggcatt	gtagctttgt	acatagcctc	aggcctcact	ggcttcatag	gtcttgaggt	180
tgtagccag	ttgttcaact	gtatggttgg	actactgtta	atagcactcc	tcacctgggg	240
ctacatcagg	tattctggtc	aatatcgtga	gctgggcgga	gctattgatt	ttggtgccgc	300

<210> 861

<211> 300

<212> DNA

<213> Homo sapiens

<400> 861

ctcggacctt	atcagcagca	tcacgcagga	ctaccacctg	gatgagcagg	atgctgaggg	60
ccgcctggta	cgcgcatca	ttcgcattag	tacccgaaag	agccgtgctc	gcccacagac	120
ctcggagggg	cgttcaactc	gggtgctgc	cccaaccgct	gctgcccctg	acagtggcca	180
tgagaccatg	gtgggtcag	gtctcagcca	ggatgagctg	acagtgcaga	tctcccagga	240
gacgactgca	gatgccatcg	cccggaagct	gaggccttat	ggagctccag	ggtaccagc	300

<210> 862

<211> 300

<212> DNA

<213> Homo sapiens

<400> 862

ataacctcgg	ctgtttacag	tgaggccccg	agcgtcttgg	ctgccgccct	gctccacgca	60
gtctgtttca	gtgcagtga	ggaaccgtgg	agcatgcaac	acatccccgc	actgttttcg	120
gccttctgtg	gcctcttgg	cgccctttct	taccatctga	gccgtcagag	cagtgcacca	180
tctgtactca	tgtccttcat	ccaatgcagg	ctgtttccta	aattttttaca	tcaaaatctg	240
gcagagtcag	ctgctgaccc	tctccccaag	aagatgaaag	attcagtgac	ggatgtctta	300

<210> 863

<211> 300

<212> DNA

<213> Homo sapiens

<400> 863

ctccaacctg	caggtgcctc	ctccagagcc	agctctgata	ctcattttta	aaaccatccc	60
agccaaccaa	ccgtaggaga	acctcgaagg	catcttggag	gtccctgtct	ctgccaggca	120
ctccctccct	gtcttctcag	cacctgtctg	gcatacacaag	gaaatgtggg	ccaaagaccc	180
tcatcccaca	ctaagaatgg	tccaacagaa	accagcctgg	tcccagggtg	ggctcaggct	240
caggccacgt	gccaccaagt	catctatgtg	aatatagtga	taaaaatgcc	caacgttgac	300

<210> 864

<211> 300

<212> DNA

<213> Homo sapiens

<400> 864

ataacgcccg	tggtgcccc	tccctatagg	agctgggtgag	attgcagcct	gctgcctccc	60
ctccatcagc	cacagctatt	ggatttccca	cccagaatct	ttaggtaaat	gagatcatga	120
ttctggaagg	aggtggtgta	atgaatctca	accccgga	caacctcctt	caccagccgc	180
cagcctggac	agacagctac	tccacgtgca	atgtttccag	tgggtttttt	ggaggccagt	240

ggcatgaaat tcctcctcag tactggacca agtaccaggt gtgggagtgg ctccagcacc 300

<210> 865
<211> 300
<212> DNA
<213> Homo sapiens

<400> 865
actccatctc aaaaaaaaaaag aaagaaaatg aaaaatgggt gagaaagtta agtaacgtcc 60
tgaggctgga gggggcccgcc tctcctcac cttggggaga aggacagcgt gaggctagcc 120
tgccctacac tgggtggccc cttcccctgg cctgaagtgt cagcacctgc aggctaaacc 180
agcacatgca tgagggtctgc tgggcccggg ctttgggagc agccgatgct cctaaaaccc 240
tgctctgggt ggactcttgg gatgcagttt gggctctgtg ctggggctgg cagacaagcc 300

<210> 866
<211> 300
<212> DNA
<213> Homo sapiens

<400> 866
ctatggcata aatgaggaac aatgccagag acccatccag ggcgacggtc agaatttcca 60
cagacacaat ggttggatca aaatattacc ggcatttcct gcagatcacc ctgtgcgtgt 120
gagagctgta tggctgctgg atgaccttcc tcccagagtg gctcaccaga agccccaacc 180
tcaacaccag caactggctg tactgttggc tttacctgtt tttttttaac ggtgtgtggg 240
ttctgatccc aggactgcta ctgtggcagt catggctaga actcaagaaa atgcatcaga 300

<210> 867
<211> 300
<212> DNA
<213> Homo sapiens

<400> 867
gggacctcga tcatgacagg ctcatcagcc tgtgectgac ctttctcagc gtgaccccag 60
acatcctgca acctgggggg acatttcctt gtaaaacctg ggctggaagt caaagccgtc 120
ggttacagag gagactgaca gaggaattcc agaattgtaag gatcatcaaa cctgaagcca 180
gcaggaaaga gtcatcagaa gtgtacttct tggccacaca gtaccacgga aggaagggca 240
ctgtgaagca gtgaggattt cttgtgccat tttcataatg gtcattagct ccttttaagc 300

<210> 868
<211> 300
<212> DNA
<213> Homo sapiens

<400> 868
cggtcttggg attgggttcc ggattgctga gattttcatg cggcacggct gccatacggc 60
gattgccagt aggagcctgc cgcgagtgtc gacggccgcc aggaagctgg ctggggccac 120
cggccggcgc tgcctccctc tctctatgga cgtccgagcg cccccagctg tcatggccgc 180
cgtggaccag gctctgaagg agtttggcag aatcgacatt ctcatctaact gtgcggccgg 240
gaacttcctg tgccccgctg gcgccttgtc cttcaacgcc ttcaagaccg tgatggacat 300

<210> 869
<211> 300
<212> DNA
<213> Homo sapiens

<400> 869

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agtgagtggc cttacaaaa atccagtatc cttgccatcc ttgccaaatc ccactaaacc      60
aaacaggcgt tccttctgtg ccagtccta gtattcaaag gaaccctact gccagtgtg      120
caccattggg aacaacactt gctgtgcagg ctgttccaac agcacactct attgtacaag      180
ccacaaggac ttctttaccc acagagggcc catcaggact ctatagtcca tcaactaatc      240
gaggctctat acagatgaaa attccaattt ctgcatttag tacttcgtct gctgcagaac      300

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<210> 870

<211> 300

<212> DNA

<213> Homo sapiens

<400> 870

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gccaggaggg cctccagggg ttcttgtgg aggtcaccc agacaatgcc tgcagcccca      60
ttgccccacc accccagcc cgggtcaatg ggtcagtctt tattgcgtg cttcgaagac      120
ctgccccatt tgcaagcagc ctgttcatcg gggctctggg gacgaagacc aagaggaaga      180
aactcaaggg caagaggagg gtgatgaagg ggagccaagg gaccacctg cctcagaaag      240
gacccactt ttgggttcta gcccactct tcccacctc tttgggtcct tagccccaac      300

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<210> 871

<211> 292

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(292)

<223> n = A,T,C or G

<400> 871

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gcctgatccg ccagcagcgc ttgctccgtc tctgtgaggg gacgtctctc cgcattgatca      60
gcagccggcg gcgccaggat aagctgtggg tctgtgcct gancccccanc canaagctnn      120
tncagtnccg anactggag gagggcncca gcccttctac cctgnagagt ttntccnagc      180
ancttnnctg tggccgactt gaggnntcct tntgncnngn ttangattgc tnccatnttn      240
gggagnatgn cttttnttag ctttttnngg tnccttntna tttnnncttt tt          292

```

<210> 872

<211> 300

<212> DNA

<213> Homo sapiens

<400> 872

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gtcattccca tacaatgcaa catccggaat gaggaggagg agaataattt ggtcaaattc      60
accttagata cttttggtaa gatcaatttc ttggagaaca atggaggagg ccagtttctt      120
tcccctgctg aacacatcag ttctaaggga tggcacgctg agcttgagac caacctgacg      180
ggtaccttct acatgtgcaa agcagtttac agctcctgga tgaaagagca tggaggatct      240
atcgtcaata tcattgtccc tactaaagct ggatttccat tagctgtgca ttctggagct      300

```

<210> 873

<211> 300

<212> DNA

<213> Homo sapiens

<400> 873

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cccaagtcag tgtgtgggtg ccgaacctt aggcaaacag caaactgtca tggccattgc      60
tacaagatt gccctacaga tgaactgcaa gatgggagga gagctctgga ggggtggacat      120
ccccctgaag ctcgtgatga tcgttggcat cgattgttac catgacatga cagctgggag      180

```

gaggtcaatc	gcaggatttg	ttgccagcat	caatgaaggg	atgacccgct	ggttctcacg	240
ctgcatatct	caggatagag	gacaggagct	ggtagatggg	ctcagagctg	cctgcaagcc	300

<210> 874
<211> 300
<212> DNA
<213> Homo sapiens

<400> 874						
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aagatatgca	cttatttggc	cattaccacag	cacatgacga	cttctatctc	gtagtgtgca	120
gtgcctgtaa	ccaggtcgtc	aagccacagg	ttttccagtc	gcactgcggg	agaaagcaag	180
acaacaggag	aaatgaaggc	atctccagga	gtggaccaga	gagcagccaa	gccatagaga	240
agcatcaggt	gtgagaatgg	aaaacgcaga	agagacgtac	aacttctgaa	agatctcaga	300

<210> 875
<211> 300
<212> DNA
<213> Homo sapiens

<400> 875						
cttttttata	gtgatcactt	ttgaattgtg	ttcagatatg	cagtttcagg	tgtaatcatc	60
agagctgggt	agtcaggcat	tccagatagt	ggttcttttc	agaacctttt	taaaagggtt	120
ggtaactac	ctcagtagca	gaggattgaa	ctataccctg	tctgtactgt	acatagaaaa	180
tctttgtaga	taaaagcaag	gcttggttaa	tatgatatga	gggtaagatt	ttaatatacc	240
aaatgtaaca	ttcttagttg	ccttttagtt	cagaggcttg	taagacttcc	tcatgaccat	300

<210> 876
<211> 300
<212> DNA
<213> Homo sapiens

<400> 876						
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ttagaagatg	agtatgacaa	agctcattcc	ctcagggagt	tgagtgtttc	agagggatga	120
agtaaaagaa	gatttttaaaa	ctacaagtag	agtgtaaagaa	gtatcacgag	aaacatcaac	180
aaagggctga	ggatagaagg	tgataagtct	caagtatctc	aagatattca	gcagtgaatc	240
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<210> 877
<211> 300
<212> DNA
<213> Homo sapiens

<400> 877						
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tctgtctcgg	gacctcagg	aattccatca	gcctcgtggg	gttccttttt	ccctgctcct	120
ggaggcaaat	tatatgcagc	aaaacgtaga	actagtcttg	tggattttct	ttggtggagg	180
agcatacacc	aatgggtcca	tgtaaaggct	ccagaatcag	aactggcgct	acaccttggt	240
gtcaccctct	cctgctgagc	ctgtctcccc	aggagtgaag	tgagggtaat	attcctccta	300

<210> 878
<211> 300
<212> DNA
<213> Homo sapiens

<400> 878

gagaggtttg	tcactgggtg	caaggctaag	atgctcagtt	aaagcaggaa	attacgttgt	60
ttggctgaga	aatacgtgta	atttctaagt	gtgattattg	caagtaaaaa	tgagtgatgt	120
ttcaacaaga	gggttattgt	aattcagggt	atagcaacaa	ttttaatgta	agcgagaaga	180
tgtttgtaac	acttccaaaa	aaatagtact	gtatcagtc	agtgtccact	ttcctccaaa	240
ccttcgtgcc	cacgcacaca	cacataaata	catgcaggat	tcctgagcag	ggaaggatcc	300

<210> 879

<211> 300

<212> DNA

<213> Homo sapiens

<400> 879

cctagtggc	catcagactt	tcagcaactt	ttatcatcca	gatagtcacc	aatgaaata	60
aaatgaaaa	atcccttgag	caatgaaaca	attgtgaatg	aacacaaagt	ccatgaattt	120
aatccttata	cgtttgctga	gccaagcatg	tgcactctga	gtgggtggcc	caggctggca	180
gcacagatac	caccatttcc	cttttctttg	ctcagggcat	ggcctgttta	tctcgttgca	240
ccagatgagg	gttggaagg	atgatggtgg	tggttgtttc	agatctactg	acagcaatga	300

<210> 880

<211> 300

<212> DNA

<213> Homo sapiens

<400> 880

ctgacacaaa	attcaggtac	tcatgattat	aacctgatta	cagttctaca	gcaggttaat	60
gaagtttaaa	taattagaat	ctattgtcgt	aaactattaa	aactggttct	ggtcacttcc	120
tttgaggtga	gtaatatgta	gagtgtctatt	ctttcttacc	tcctggggagc	ctgaggcacg	180
atgcagagaa	gaacctcaca	tatcatgcat	catcagagga	ctagagtga	ctcaggaaat	240
atttgtctct	gtcacatttt	cttcaccgga	gctagagact	ttttactag	aaaaactg	300

<210> 881

<211> 300

<212> DNA

<213> Homo sapiens

<400> 881

aatgctgaat	acctaatagt	ttttccaaaa	ttgggtccag	tggtttacgt	cttggatctt	60
gcagatagac	tgatctcaaa	agcctgtcca	tttgctgcag	caggaataat	ggtcggctct	120
atctattgga	cagctgtgac	ttatggagca	gtgacagtga	tgcaggttgt	aggtcataaa	180
gaagggtctg	atgttatgga	gagagctgat	cctttattcc	ttttaattgg	acttcctact	240
attcctgtca	tgctgatatt	aggcaagatg	attcgtctgg	aggactatgt	gcttagactg	300

<210> 882

<211> 300

<212> DNA

<213> Homo sapiens

<400> 882

tctagactct	gtcctcagaa	gaggtcctgg	gggttcctta	tattgagagg	aagatcatte	60
gcacaactct	gccaggaaac	tgccagatag	gagtcaggga	tcaggcctag	aacgcagact	120
gcagaaaagg	gcagatgtaa	aagcagaaat	ttaaaacttg	cttttccttg	tcctcagact	180
cttgaggggt	gccattg	taagaagcag	ggagccaaga	acattcatac	tggcctcctg	240
cttagcctta	actgaaatag	gccccacgt	aggatgtggg	cctatgtgaa	cttggctgtt	300

<210> 883

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 883
 ggggccatag cctctattcc tgcccagctg tggatcctca gcttgccatg ttaggtacac 60
 tggaccagct tgtggagcca taaccacagga gctcagggac attgagtga ggtttcttac 120
 tcctacctgc tggccctgtg gctgtccctg gtggccagcc cagctgcagc aaaacctaca 180
 aagcctccag ccatggtagg cgtcttgga cgtccccagt cagctggggc ttgggctgct 240
 aggggttttg gcacacgtcc atgtttggcg gaggggtgtgc cttcaaacc ctaagggcct 300

<210> 884
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 884
 gtggctctca ctgaagaaag aaacattctt cctaaaagac tttttttcct cagagttgga 60
 gcccacagcg tggtcaggaa agagaagtag ccactgggtg ctcttggcat cctcctgctg 120
 ggcagccctt tctcaaagtg tgaggggtcc ccttgtgtac aagcaggaag gctctgagaa 180
 agtcagggtt gctcctacca caggataatt ccgatgaacc tgaaaagcgg gttttggctt 240
 gtgtgcaggg actctggtgg aagaaagggt gacagcacct ggcttgggca tgacacaagt 300

<210> 885
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 885
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 gtggcactgt gtcttcaggg gtgctgccct cttacagaga gacagatctg gaggccatgg 120
 ccgttttggg gagaaatgcc agaaacagct tcagtttcca cctactgctt catatattata 180
 atcacagtaa tctattttct gttttgctat ttctagagca acaaattgtg tgatgcgaaa 240
 ttagtaccag aggaacaatg actccactta acaaaaaaat agcatgggat ctatgaaaaa 300

<210> 886
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 886
 gagaatactt tatactttct agcttcttgt gtatttgact gtgacctggt tataccattt 60
 gccactgtga ggcttagctg tgcactctgt aatgggagat tgttcttaga gattggctcat 120
 agttgtccac ctgcctcgga aactgcaggt acaaatgcag cagcaaagta ttacattct 180
 tacttcaggg ctgatctcct atttctatca gtccttttga aggcagagaa tgtaatttg 240
 gaacaacctg catatttatt caaatttcca gagagatgaa actttcagaa tgctgtgctg 300

<210> 887
 <211> 206
 <212> DNA
 <213> Homo sapiens

<400> 887
 caaacctgtg tcaaattgag aattactgtt tttctgaaag ttgcaagaaa ttaccaatga 60
 attagccatg gatagaaatt gaaggtagt ggggtgaaagt tttcagtcct accagtaaaa 120
 acaagtgaga atgcactgac gtccagggaa aaaaaaacag atgggggtcag ctttcattgt 180

ttccccatttt tacaaaacca aagcca

206

<210> 888
<211> 300
<212> DNA
<213> Homo sapiens

<400> 888

ttttgaacta tcaactagat ctgggaagat agaacaggca gcatcagatt gccttggttta	60
caaagtgtca tcacgaaaag tgttcctcta ggaaggcata atatgtggcc tgatggattt	120
gatgagtaga ttgtaaaagg gttgggattc tggcagaaca agaagagata actaattagt	180
ggaattaact gagaaaagag ttcattagca tgttggtat tagactctaa taaaaatggg	240
tgtgaaaaga tgggatttgg acctagaggc agtccttagag ccataatcct ttttttctcc	300

<210> 889
<211> 300
<212> DNA
<213> Homo sapiens

<400> 889

ggtgaacaaa aatggcccag attcttattc agaaaccaat tcacatttta aaaatatata	60
ctgtacacta ccccatcctc ttcctaatac cttaaagtgt ctaccctaaa acaccaagca	120
gtccttctta cagtttggtc cctcctgaca gttcattgat tacaatgtga aagcaccaac	180
ctgagctaaa atgaaatgag aagcctgatg tttcaggcac caagtacttt aaaaatgtct	240
actggctgtc ctgcagcatt ttacttaatc attttttaga ggagggatga ggactgggtg	300

<210> 890
<211> 300
<212> DNA
<213> Homo sapiens

<400> 890

caaaggccgt cacaccaagg tcaggccagg agcctaggct aaaggaaaact tcaccaccgg	60
ggacatcagc tgctgtggcc agagaagaga acatgaaagc ccacatcccg tgctgcagc	120
caccacttt gctgtcactt cccagctgaa gtgaggaggg actgttcaga aacatcgaac	180
tgagcaaggt ctctgtctac ctcatggaaa acctgatctg gaaatgacac ttggaataaa	240
ataagattac tcttccatta aaaggaaatc caccctaaaag agagaaatag tggatatatt	300

<210> 891
<211> 300
<212> DNA
<213> Homo sapiens

<400> 891

cggacctcta gtgcctgatg ttcactttct tcaggctcctc aatttcctac atttaagctg	60
ttcggttaaa cttttccata ttcagcttga gatcaacctc ctttacataa ctgattattt	120
ttgccttgag gagaaaagat gacgctaaac acagcacaca tgtgtttatt atatgttggt	180
aatgtggaat tcaaagatga aagagacgtg agctgcatca ctaaaaaaga aacatattac	240
ataaatgcaa tgctgatatc atagataata aaattaacac taattttttg atattatcaa	300

<210> 892
<211> 300
<212> DNA
<213> Homo sapiens

<400> 892

atagaacatg	tcacacacga	actggaaact	gattctgtgg	gcgacaagag	tctatagtaa	60
acgttatgac	agattctttg	aatgcgctaa	tctcagactg	gactaaagtt	gggattaaat	120
ttaatttgta	cttgagttca	gtgcattgct	gttctgggca	taggaaatcc	aggttgctgg	180
tgatgaacag	ctgaaaagag	ctgtgtcacc	atggttgtct	ctgtcagtca	tgtgaccacc	240
cttacccttg	taaaatcaag	caagggagag	attattttct	aatgtaaattg	aaaataaaaa	300

<210> 893

<211> 300

<212> DNA

<213> Homo sapiens

<400> 893

gaagttgaaa	tcctagttcc	tggagtcctc	tgtgatggca	aattctgcct	tccttgtttc	60
ttcttttttt	ctcctctgtt	ttccattttt	agtagttcaa	atggtttttg	tattattgaa	120
gacaggtatg	tctcaaattc	atggaactca	caaaaaaggc	tcattttcta	tcctcaagga	180
gctttacatc	taatggaaaa	cacacagtga	agtccagaag	gactcactgt	ggactggtag	240
caccatgagg	gctttccatg	aagaaggact	taagccagac	ttagcagggt	gggcagggtg	300

<210> 894

<211> 300

<212> DNA

<213> Homo sapiens

<400> 894

atttgcccta	atcttggggt	actagtaatg	ctatctgcgc	tgtgcgtcta	aagcctccag	60
aaagattgct	caggcatggc	ctaatagctt	ttatcagttc	actcagtggc	tcttacactt	120
tgataacctga	aacctagagt	taactgtgta	ggaccaagct	cttctgaagg	agtcaactgc	180
tctcctctgt	caataatggc	tgtttatgcc	aaaacagcca	agagaacctc	cccacccctt	240
tcctctctgtc	aaagtgaat	ggaacctaa	aatggaagct	agtggctatt	ttgccatacc	300

<210> 895

<211> 300

<212> DNA

<213> Homo sapiens

<400> 895

gggtggctggg	cgcctacaga	actgctgccg	agcagcagcc	aattactgcc	gaagcctcca	60
gtaccagcgc	cgttcctccc	ggggtcggga	ctgggggctg	ctccctcttc	tgcagcccag	120
ctccccccagc	tccctgctct	ctgctacgcc	gatcccttta	ccccttgca	ccttcaccca	180
gctcactgct	gccctgggtg	aggtattcag	ggaagcactg	gggtgccata	tagaacaggc	240
aaccaagaga	acgcggtcag	aaggagggtg	aactggggag	tcctctcagg	gagggacaag	300

<210> 896

<211> 300

<212> DNA

<213> Homo sapiens

<400> 896

gtgatagaga	tcatgccgct	tgggttgctg	agttctcccc	ctcgttgtaa	ttcagcaggc	60
ttcccagtgt	tccctgcac	ctcatctgtg	aggccgactt	cactatcatt	cccacttata	120
gggtggaggag	actgaggcac	agagctccca	aagccccaca	gctggcgagt	ggcagggcta	180
gcgtgcgatg	tccactagac	tgggtgtctga	cgcagaagct	gcgcttctca	cccctgggat	240
ctggaagata	attctgatgt	gtgagatcca	ggagaatgca	ttgtttagcc	agaaaatgtt	300

<210> 897

<211> 300

<212> DNA

<213> Homo sapiens

<400> 897

tgtacatggt	ccagtgggat	gggaagcagc	agagaccaac	agagtctgaa	gaagcaagct	60
tctgagttat	gaaagcctgg	gttcaggaga	ctaacctata	tgtaggttcc	taggaaagtc	120
cagttaaagg	gcctactttg	ccactgctgc	ctccttctta	atgctgaacc	tcctctccca	180
caagggggca	gtctcagcag	gtgtcagctg	agccatgtgt	catctgtcca	ggctaactgc	240
ccacacatcc	ttctgcaaag	ggtacctctt	ggttatcagt	gctcactgat	ccctatataa	300

<210> 898

<211> 300

<212> DNA

<213> Homo sapiens

<400> 898

gtgaggggct	gtctggccct	tctgattttt	tgtaaacgag	acatggattg	tggcatcaag	60
atthagattc	attcctctgt	ttgttgaggt	cattgaagcc	agtatctct	ggacattttt	120
taaagaggtc	cccattctga	gaaaagacag	gagttgaatg	tcttattgat	tcttaccttt	180
ctgttcgtta	tagacgacca	gaggaaacaa	atgcccagaca	cggattcgac	tcagtcataa	240
gtgtgaacca	aataggccga	tctgggttct	ctcactgact	gaagaggaag	agaaataaga	300

<210> 899

<211> 297

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(297)

<223> n = A,T,C or G

<400> 899

aattaagntt	tttgggttna	ntgccctncn	ntnaantttt	taaagcagnt	ttganttttg	60
nctggnntna	aantgngtnt	taangnangt	gangagnncn	taaaattttt	ancctngngg	120
nncccccccc	tttttttttt	gcattgtatg	tcaaaaagcgc	ttgttctttc	gtgcatgtgt	180
aagatttaaat	ggttccattg	tattatttga	ccatgacatt	ttggagaaac	attcccagct	240
gtaatgttgt	gtatggtagt	tctcactgga	tgctagaggt	ttcaaaaacca	ctattct	297

<210> 900

<211> 300

<212> DNA

<213> Homo sapiens

<400> 900

cttgttttaa	agataattgc	tagatttatg	tttttagcttt	ccataaaaatg	gaataacata	60
aaataaaaata	taaataaaaat	atgaaataaaa	ataaaaagcca	tggggaaaag	gtagggtttg	120
attgctaata	agaaatttct	tggaagagag	actagctctc	ttttggtttt	ccaaagtcca	180
cattttataa	catttttagt	gcttggtgtt	tgcttggtgt	attacattag	ataaaaatgt	240
atcacagtgt	tggtttatac	tggtatgtta	aataggattc	attgaaaggg	gtgtgttttc	300

<210> 901

<211> 300

<212> DNA

<213> Homo sapiens

<400> 901

ctggaagggtt	actgcaaaga	cagcctggtg	aaattgttgg	gagtacagag	gctttaatgg	60
gttcttttag	gtcaggtaga	ggttatgggg	ggagcactac	agtgagcata	tacccaaaat	120
gaagccagac	ttccaaggta	cgttctcact	ggagagggag	cttaatggta	aagtttaaac	180
tttaagggtt	taggttttag	attaaggccc	aggagatcca	aggggaagga	ggagggtagg	240
aatcagaga	taagaggagc	tgttgtcatc	gcaggtatag	taataattaa	gatatgttaa	300

<210> 902

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 902

attatgaaca	gatatggagg	ccagagctca	tttgggtaaa	cttactcctg	ctgagtttagc	60
aggttggtga	gagaagctcc	cctgagctca	cctgtctctc	tgactgcctt	ggagtaggtg	120
gcataacctt	gtgcacagag	aactagaaaa	ggggcagAAC	cccggccttg	cagttgtggc	180
aggtttccac	tgtggtaagc	taggttcatt	cctcatcaag	gaatgtgtag	cagattgttc	240
actgtggagg	agttaattat	agaatgggtt	attgttgnta	ttcttactca	tgaagttaca	300

<210> 903

<211> 300

<212> DNA

<213> Homo sapiens

<400> 903

caaagcttga	tctattaata	tattgatcag	agttccatga	tccttttcta	aaatgggtggc	60
tttattttgc	cagaataatt	ctgcaggggtg	tttttttttg	gacggagtct	cactctgttg	120
cccaggatag	aatgcagagt	ggcacaatct	tggctcactg	cagctcttgc	ctcccagttt	180
caggagaatt	gtgtgaacct	ggaaggcgga	ggttgcagtg	agccgagatc	aatcaccact	240
gcactccagc	ctgagcaaca	gggcaagact	ccatctcaaa	aaaatttttt	tttggattta	300

<210> 904

<211> 300

<212> DNA

<213> Homo sapiens

<400> 904

tttctctttc	ctttctgcac	aatttagttc	taaagccacc	aggcagggca	gaggaaggta	60
aggctttcca	tgggtgcttag	gagcaggggt	ggggttgtta	tcataaccta	agcaaagtta	120
caagggtaat	ccatatgggg	tagcctgggtg	tagagagtca	gggccccagc	aacattaagg	180
acatccctgc	aggatggcag	ccaggcttgg	gggtacaaga	ccctaaacag	gatgatgaga	240
gcctcccca	ggagaggtcc	caggtataga	gtgtcagagc	ctgagcagat	gaggaaggca	300

<210> 905

<211> 300

<212> DNA

<213> Homo sapiens

<400> 905

tttgaactcc	cttagcaagc	tacttgtctt	tttgcaggat	cccatcggat	tgctgtctcc	60
tttttcagat	attactggat	catcagctgt	aaaggctcta	tgtttaatta	tgtctagcat	120

ttgaatggta	acagcgcaga	tgttacctgc	ctataatcct	cctcctctct	acagattttg	180
ctttgttctt	gcttcttggt	tttgagatcc	tgcacacaag	ttgaaattaa	ttaaaaacag	240
tagagcaact	tagtctggat	aagccttcat	ctggcaaata	atgttacact	gccagagatt	300

<210> 906
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 906						
ccaagatgcc	aatttccatg	aagtottgat	ttatatatat	gtacacatgt	tatgcacata	60
catgtttggt	ttctaacagt	tattttttta	gcttttgaga	taattttaga	cttacagaag	120
agttgtaaaa	gtagtagagt	tcttgataac	tctgcacca	ccttgccctt	atgttaacat	180
cttacgtaac	aatagaacat	ttgtcaaaat	taagaaatta	accttgatat	aataactaact	240
aaagtagaaa	gtttaaaaag	tagagatttt	agtcttttca	ctaattgtcct	tttactgttc	300

<210> 907
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 907						
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gggatttgag	ttccttacag	aattttctgt	aatttagtac	ttcaagtgac	ttataaatgt	120
atatacttct	ctctcacaaa	agtgttagga	gaaggaaaat	cttaaatact	agcttgattt	180
cttaatttaa	taacaaaaaa	caattctcat	aacatgtatc	acctaacatg	tcactttcac	240
tttaaaagtc	taaagagttg	aggtttattt	cttttctttt	aaagtgtgat	tttatgttgg	300

<210> 908
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 908						
tcaccatggt	gccaggcta	gtcttgaact	cctgggctcg	aatgatcctc	ccaccttggc	60
ctcccaaagt	gctgggatta	taggcgtaag	ccactgtgtc	tggcctagt	tatgattatg	120
catgagtcac	gcaatgttct	ggctctggat	tccaggagta	gaggacctag	ctttaaatca	180
attagtttca	gctaaactga	ctagaaccag	gtcaaagtgt	aattctccct	ccagctcccc	240
caaaactaga	gttgggggga	actggaggga	gcaaaacact	gatttgatac	tagtcagttt	300

<210> 909
 <211> 147
 <212> DNA
 <213> Homo sapiens

<400> 909						
gtcttctctg	gcagggtgct	ttggtagcca	tcagagagga	accaagggca	acatcttttc	60
ttcccaggcg	ttcttctctg	ggtgctttat	tctcttcttt	ttctttattt	cgccccacc	120
cccatccct	gccttttttt	ttttttt				147

<210> 910
 <211> 274
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(274)
 <223> n = A,T,C or G

<400> 910
 ccaacttgga tgaaggccag cgcagagccc aaactttgtg aatcagtaac acgtgtatgg 60
 aacattcact tacatgcaca gaggtgccaa gggacagcct aatttaagat tcatataaac 120
 acatttatct ggcaacataa gttaatatgt tggtaggagt cccaccaagt taaaattcta 180
 aagtgtttga atatgggcat ttttaaagaa agaatctgca taccataaat tcacgctttt 240
 aagtgtatga ntcannngna anantggatn nnca 274

<210> 911
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 911
 aacagataga gacttgggtct taaaaaaaaa ggaaaagaaa aggaaacaaa aaattatctg 60
 ggcctaaagg tgtgtgcctg tgctcccagc tacttgggag gctgaggtgg gaggatggct 120
 tgagccctgg aggttgaggc tgcagtgagc catgattgtg ccactgcgct ccagcctggg 180
 tgagagagca agactctgtc ttttaataata ataataataa taataaagtg gtcaggaagg 240
 gacccccagg gaggagcata aacctctcca gtggctgtga tttgtcagta aggacatggg 300

<210> 912
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 912
 gcaactcctc tccaatgagc tactcctgac acaaatggag aagtgtgccc tcatggaagc 60
 cctggttctc attagcaacc aatttaagaa ctacgagcgt cagaaggtgt tcctagagga 120
 gctgatggca ccagtggcca gcatctggct ttctcaagac atgcacagag tgctgtcaga 180
 tgttgatgct ttcattgcgt atgtgggtac agatcagaag agctgtgacc caggcctgga 240
 ggatccgtgt ggcttaaacc gtgcacgaat gagcttttgt gtatacagca ttctgggtgt 300

<210> 913
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 913
 cagaatccct ttttcctttt ttgtttaaaa gtactcatcc ctaatattac attgttctgg 60
 aaggactgaa aataacagaa ctacgacca tgatcggacc gggacaatca gattatttca 120
 ttctcagca aacggagatc gatccgaaaa gtggaaatat gagctcttct ttgggtgttg 180
 catatggacc ctgagagaaa gaactttaat tttttctctt ggactgcaat aaagtatagc 240
 tgccataaat acgtttcctg acacttgagg gtttgtccac aatcgggaaa taaaggcaag 300

<210> 914
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 914

cctaaacaga	atcccttttt	cctttttttt	ttaaaagtac	tcattccctaa	tattacattg	60
ttctggaagg	actgaaaata	acagaactca	gcaccatgat	cggaccggga	caatcagatt	120
atttcattcc	tcagcaaacg	gagatcgatc	cgaaaagtgg	aaatatgagc	tcttcttttg	180
tgttggcata	tggaccctga	gagaaagnac	tttaattttt	tctcttggac	tgcaataaag	240
tatagctgcc	taaaatacgt	ttcctgacac	ttggagggtt	gtccacaatc	gggaaataaa	300

<210> 915

<211> 300

<212> DNA

<213> Homo sapiens

<400> 915

ggcaaatagc	cctaggagtc	ccattttttt	aagctgaggg	aaataatttt	caagaagctt	60
gtcttactag	tagcatcatt	cttttttact	ggctcacagc	ttggaagggg	tgatgggttt	120
tcctatgaaa	gctaacaaca	tttgagcaga	tccagtgtgc	tggtgagtca	cagtgaaggt	180
gtggagtgtc	aaggaagcct	cctggtggaa	atgtaagtcc	agagaaggtc	tgcaaaaaat	240
acagggtgaa	atgttatcaa	ggagccaggg	tattatttaa	gaagaggagg	gaggggaaaa	300

<210> 916

<211> 300

<212> DNA

<213> Homo sapiens

<400> 916

tccaagagga	gaagcatgtt	ccaaaaccct	taactttggg	aatttagaac	tagctttttt	60
actatcttct	gcacagcata	acttcagtct	ccctttacta	attcaaggaa	atctcagtga	120
acaaattgta	taagggtaga	tgagctaaaa	gctcactgag	tcattaattt	gtcataactc	180
atctaaatac	aatgattagg	cttgtgtagg	tgtccctagt	ttctctttct	aaatcatgtc	240
ttagtaggga	cagagcaata	atggtggatc	gtggcaacgg	gaaggaagat	gatgtgtcag	300

<210> 917

<211> 300

<212> DNA

<213> Homo sapiens

<400> 917

tgttgctgca	ttctaagctt	aacctcctgg	tctcatggca	gtgacttgag	cttttgattc	60
atagaagaaa	gccagagggt	ctgcttggtc	ttgtctgcc	gccctcgctg	ttctttctcc	120
tctgcctctc	acctctaccc	caaataacct	tgttcttagt	ctcaagggga	gaataacatc	180
agggagcccc	tcattctccc	cagaaggact	tctcgttcct	catgtagtta	actccattga	240
ttttcctatc	ttggtgctga	tagctctcta	agggtagggc	acacctcccc	acagccacc	300

<210> 918

<211> 300

<212> DNA

<213> Homo sapiens

<400> 918

caggaacgca	acaaactcaa	gtcgcagctc	ctggtggtgc	aggaagagct	gcagtgtctac	60
aagagtggcc	tgattccacc	aagagaaggc	ccaggaggaa	gaagagaaaa	agatgctgtg	120
gttactagt	ccaaaaatgc	tggcaggaac	aaggaggaga	agacaatcat	aaaaaagctg	180
ttcttttttc	gatcggggaa	acagacctag	atccaaggcc	acaagtaagg	ctatggctct	240
gattctagaa	gacaaccttc	caagatgcct	ggcaaaacca	cctccctgtg	ccacacagac	300

<210> 919

<211> 136
 <212> DNA
 <213> Homo sapiens

<400> 919
 gtaagggagg gggtagggct gggttattaa gatacaggct gctgtatttt acattgggtg 60
 tgggggaagg ggagcctgga gaaaacaaag tcactattcc ctttttttgaa acaggaaaaa 120
 aaatattttt tgttca 136

<210> 920
 <211> 135
 <212> DNA
 <213> Homo sapiens

<400> 920
 cagactcgca ttatggacaa gtcccttctc cccacacaaa ggaagacata caccgcatag 60
 tccatttcat ttcagctcct gatggcatct gaccgccgtg gacacttccc agtgggtctgg 120
 cttttggagg gagag 135

<210> 921
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 921
 aagcagaaat gtgggtggtg tgactgggggt ttggtgaggg gctgctgtgg ctggaatgga 60
 gggctgccac aataatggaa atggtaaatg aggcaagtaa ggttggactg gtggcatagc 120
 gtcaagggtt ccagctttat taaatcactc ttccaatatg ctagcactgg cctgttggga 180
 aaagtaatac atcatgtaat cgaacaaaag acagaaggca gctccaggaa tgggcactgt 240
 aaacaggact tgtcccagag tagccagatg taggctttag gtaagttgat gcaagctgag 300

<210> 922
 <211> 280
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (280)
 <223> n = A,T,C or G

<400> 922
 tctcgatctc ctgacctcgt gatccgcccg cctcggcctc ccgggggtgct gggattacag 60
 ggggtgagcca ccgcgctggg cctggatcaa atctttatcc atgcacattg gaacacagga 120
 ttactggggt gaaatcattc tagttttgtc atttagatac ttgtacgatg aatctatttt 180
 agcacaaggg ataaataact cgnnangnca tctntanntt gtntnntttn gtgnntttgn 240
 ntanaccacn ttcangntcn angnnaactt tncttnggat 280

<210> 923
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 923
 ggaaagggga cagagcagag ccagttgttc cacacttttg gaagcaggag tagcttttat 60
 catcttcttc tggggagcag gcatagagac ataaactgag tgaaaatggg tggaggaaga 120

acttctatac	ccaacgaacaa	catgtgaaga	gagagaacca	aacataaaagt	aaggaggggtg	180
agttttattg	tatgttgctt	gctgacaact	gttttggggg	cgcttcagtg	atatacattc	240
atagaaagac	tttggtttat	ggcagattag	tttaciaaaga	gtattctgca	agtgggatta	300

<210> 924

<211> 300

<212> DNA

<213> Homo sapiens

<400> 924

ctcaaaacca	aatctcaact	cagctacaga	atctactgtg	gtccttgtct	gaaaaaatta	60
gttcactcgg	ttggaatctt	gtctcagagc	atcctcatct	ctttctcaaa	agccccctacc	120
ccaacaccgg	cgtgttggtt	gtctattgaa	acttacaagt	ggatggaccc	tttctcccga	180
ataaactggc	ctttgaaagc	tctaategaa	atggtttggc	aaaatccata	ctgcaggaga	240
ttagggagga	caagaatgat	gtgccttttt	gtactgctga	gcctgatggg	ggtgccacta	300

<210> 925

<211> 300

<212> DNA

<213> Homo sapiens

<400> 925

ggaaacagct	ggactagaga	tacacatttg	ggcatatata	tatatatata	tatacagtat	60
atatatgcac	gctgatttta	tatatatata	tatatataaa	ataattatgg	aagtcagtga	120
gattgtccag	ggcaagaata	taatgtcata	tgagagggga	gtccagactc	tcaaggaacg	180
cggacattta	aggggagagt	ataataggat	gggccgtcaa	agtctaagtc	agagcatcct	240
gatgttggag	gcaaagcagg	agagtgtgga	ttaagcagct	agacattggg	tactggggga	300

<210> 926

<211> 295

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(295)

<223> n = A,T,C or G

<400> 926

atttcagcct	gggcaacata	gtgagactcc	cgccctctaa	aaaaaaaaat	cccacaatcc	60
tatcacacag	agatggcaac	acttaccatt	tgttctggtc	acctttggaa	ggaactttta	120
aatcaatgtc	ttgcttctct	gtgggttctt	ttgtgactca	cacctgcttc	tgggtatagt	180
atgactataa	agttgatttc	ttgggttaagg	tatgatctat	gagaggaagc	ttctaatttg	240
atgagcatca	gggnantttt	anctgggtata	ccttttnttt	gccctctcca	atcaa	295

<210> 927

<211> 300

<212> DNA

<213> Homo sapiens

<400> 927

gtggtagcag	gcactagata	agaggtgaac	cagtgtggag	gcaggagggg	taggaaagga	60
gatggaggca	ttattaccaa	ggcatgatag	aagccatggg	atctgataag	tggtgagaac	120
tggaaagaga	gggacaactc	tgaaatttgc	ctctgattgc	agttaaataa	tagcatgcta	180
atgacagagg	tagcagtagg	ttggggagag	tgtagtagta	tttctgtttt	cagtacactg	240
ggttttaagc	attgacaagc	caccaaattg	aaatatcaag	caaagagtgg	cacatctagg	300

<210> 928
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 928
 gcgatttatt tcacagagtt aagggggccag tacacttcat ggtataaaat tatctttttc 60
 aggggatgaa ggcacaagga gaaaattact tgaagcttgg agatcttctc tggcaagcaa 120
 tttacaaatt ctggtgttct ttgatctggc tccccgcca gacaaccagg gagttcttca 180
 tgttctagcc tcattgtgtg cactataggc agtaatttgg catcagccat agaggagggg 240
 tccgatagtt gtcattgctg cccgccacat atactccaca tggaatgata ctcataatgc 300

<210> 929
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 929
 gggacactgg attctcattc tactcaaact cccactagga ctggttggtt gttegccttct 60
 caagtgtttg ttttttctg agttaatatt tttgggtgta atttacatgt aggaaaatgt 120
 acacattttt agtgtacagt tcaccaagct ttggcaagca tgtatagcct ggtaacccac 180
 aagccaatgg agacctagaa cattccccgtg accccagatg ctgggttctg tgtgccttcc 240
 cagggcttgt ggctgggcac atcaggcatg gcgggtacca tgctgacag ctctgaacca 300

<210> 930
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 930
 gaatgggtag gaacaagcat tagcctggtc tgggttcctc cagctcttag gacaagttgg 60
 aacagatttg ctgttctgat gattcatctt tctgatcaca gggatagcag aactcagctt 120
 tgaagaaagg catctgcaga gatcatggca gttccatttt gcgttctgag tttgctcctt 180
 taggtaaggg aactagaatg cagatacagt tagaatcagt ctctctctct ctgtttgtct 240
 gtctgtctgt cactctctct ctcttattg cactgagggc cgggcgcggt ggttcacacc 300

<210> 931
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 931
 gtcattgagaa gagccccaga tgggacaccc gttcttcctt gtgacattag ggaatttggt 60
 acagctttct ggatcagttt ttgcctttaa gatgcatctg gactcatcaa acccagaaag 120
 tgtagagcaa atattcttat tcccatgtcc ttggcagaca ttgctaattc atctcagggc 180
 tccaacagag ttgggtctca gccttaccag cctggcagcc actagacttg atccctgaga 240
 tgaaacctct tgaccacaca ggaactccat gatcttgaag ctcccttctg gctctataac 300

<210> 932
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 932
 ccaacatggg ggtctcaaac tccccacctc aggtaatcca cctgcctcag cctccaaaag 60
 ttctgggatt gcaggagtaa gccaccacac cctgcctcag tgcttggaact tctgcagtgg 120

acttccttta	aaaatcctgg	aatatacact	gcagtaaaag	aacaaagcat	acttcagtcg	180
tttaaggctg	aggatatgctt	tggtctttta	ctgcagtgta	tattccagcc	ttaaacgact	240
gaagaagaat	gtcaagtggg	gaagtggctt	tggttttcag	tttgtgggtt	ctgaatccac	300

<210> 933

<211> 264

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(264)

<223> n = A,T,C or G

<400> 933

ctgaagcagt	gcaagtacta	ccatgggtctg	agctccctgc	cctgaagagg	tcgggtgcaga	60
ctcggggggc	agtctgcac	ccacctctac	ccctcgccga	cagccagacc	acaacaccag	120
attgtacca	gatagctggg	attggaagtg	aggaggtttc	tcaccccaca	gataacccaa	180
gacacaaatg	tgcaattaaa	agtttatatt	agaccacaaa	aaaaaaaaaa	aaaaaanntg	240
ngccnttnaa	antntgggg	ggnc				264

<210> 934

<211> 300

<212> DNA

<213> Homo sapiens

<400> 934

gatgtcctgc	tatacaccat	ccactgcctt	gcccttaag	cctcacatct	ttcatctctc	60
ctagttccaa	cccatgggtc	ccagacgatg	actctgcctc	cctgttcttg	tagcattcac	120
agattgcctt	gttttagtag	ctttcacatg	agatccactt	gacagcccct	gtcctcacc	180
ctcctcaaac	tcctcaccac	actgaaactc	ttccagctcc	atgagtaggt	tcttgggtgg	240
tttcttcacc	tgtaggttca	ggtcaatgct	cagccggggg	ctcgacaggg	atgctttgca	300

<210> 935

<211> 300

<212> DNA

<213> Homo sapiens

<400> 935

accaaagctg	ctggagcctg	aggcagagaa	ccagaggccg	gaggcagact	gcctctttac	60
agccaggaat	ctcagaggat	ttgaaaaagg	tgaaggacag	gatgggcatt	gacagtagtg	120
ataaagtggg	cttcttcac	ctcctggaca	acgtggctgc	cgagcaggca	cacaacotcc	180
caagctgccc	catgctgaag	agatttgac	ggatgatcga	acagagagct	gtggacacat	240
ccttgtacat	actgcccagg	gaagacaggg	aaagtcttca	gatggcaagt	aggcccatcc	300

<210> 936

<211> 300

<212> DNA

<213> Homo sapiens

<400> 936

gagccatggc	agaaaatcag	tgatgtcatt	gaggactctg	tagttgaaga	ttataattca	60
gtggataaaa	ctaccacagt	ttctgtgagc	cagcagccag	tctcggctcc	agtgcctacc	120
gctgcccatt	cttctgttgc	tgggcacctc	tctacatcca	ccaccgttag	tagcagcggg	180
gcacagaaca	gcgacagtac	aaagaagact	cttgtcacac	taattgccaa	caacaatgct	240
ggcaatcctt	tggtccagca	aggtggacag	ccactcatcc	tgaccagaaa	tccagcccca	300

<210> 937
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 937
 tctttctagga atgaggggca tcagcccacc ccaggcacct cagtgggggtt ccggggccacc 60
 tcaggactcc aagaggctgt gtggagccac cactcctagc cacagctgcc atgataagtc 120
 cttccatgaa ggactgagga gggagagtgg ggggtccagg ctggtgctgc tcttccctca 180
 gctctgcgg ggctctaagg tccctctatt tatttctcaa ccctggctgg cctctcacca 240
 ggagtttagg ctgaatgcct tccacgtgat ggaggaaaag gccaaactctg tcctgggtctt 300

<210> 938
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 938
 caaagtactg ggattacagg catgagtcac tgagcccagc ctaataaaga actttctgac 60
 agtgaaaatg gtctgtgcat ggtgtgggtg ggggtgagggt gagggccgggc gtggatggag 120
 cagcagggag gttgtagaca atgtccagac atcagagaga gggctgggct ctgatcctgt 180
 gccaccctga aaggctttga tcctatggtt tggtcagaaa cagagcctgt aaaacccatg 240
 tatgcagctg ttgctaaggg caaccacaag atgctcaaag gaccttaaag atgtagatgc 300

<210> 939
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 939
 wcggtgtgtg gcacaaagcc cctaagggtt catgtgtaca caccggtgct aagtgttttt 60
 tacacccttg agcatctctc ggcttggggc tctgtgacag gttgccctga gagttgggtt 120
 tttagttcaa aaagaaggaa cacagatgac tactctgctg gcgacacggc cactctgctg 180
 gcacgcacat agcatggcgc ctcccttttt gggggactct ccttgggtggc atctctggca 240
 ggctgagtc tctccagctg cagttctgga ccctgtctgg gttggggagg ggcatttggg 300

<210> 940
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 940
 gctacaccca gttctcccag ttcaacaagg acgactcgct actgctggcc tcgggggtgt 60
 tcctggggcc cgcacaactc ctcatccggc gagattgctg tcatcagcct agactccttc 120
 gcgctgctgt cccgcgtgcg gaacaagccc tatgacgtgt ttggctgttg gctcaccgag 180
 accagcctca tctcggggaa cctgcaccgc atcgagata tcacctctg ctcggtgctg 240
 tggctcaaca atgccttcca ggatgtggag tcagagaacg tcaacgtggg gaagcggctg 300

<210> 941
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 941
 ggcttccagg aaaccaggca agggatatgcc cagggttttg cctcctgggt ttgtttcacc 60
 tgtccactc tactgtgaga tagagcttcc agagttgttc acagggttga gatttttcgc 120

tctgaatttg	agaggcaacc	gtatctggcc	ttotaaggag	gcagggagct	acctgggagg	180
caacactgac	aggtcatttt	gcttcagtgt	caagcatttt	tttcctctcc	ttttgttgtg	240
gcagctcagt	gttgacaggg	ctccacacgt	cttcctttgag	tagtgaggag	atgtgcccaa	300

<210> 942
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 942						
cctcgggggg	aggccagccc	ctggctcact	ggctcagggc	aggtgggctc	tcggggaagg	60
tgtcgggggc	cccctaggag	ggagcgctgg	ggacattgcc	atgggacgga	agtctgcttg	120
gcagtggctt	tgataagcga	tgcttggggg	tcagaccacc	ccctagagga	gccacgtgcc	180
gcccagccac	cttcaatgcc	tgccaccctg	cccaggatg	tacagagccg	tgcccacaca	240
tttccttgca	acttgatcaa	atttcttaaa	gcaaacacaa	aaaatgtaca	tttctgtttt	300

<210> 943
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 943						
ggaagctcca	ggcctggcgt	gctggagtca	cgagatgagc	tgtccaggca	gcatggcatc	60
gtgagtgaac	tccgaccgtg	gcaggtgagg	cttctgcact	tagctggctg	tcttcatgtg	120
ggccgattct	gtggttagtg	attctgattt	ctcatctgaa	aagtgggtgca	tcacttagcc	180
cctcccacac	ttggagggtt	ctactagtgt	gcctgcgtgg	ctgggttctg	cacactcagc	240
tacttttagt	tcttttagtct	atccttaaaa	agattcctag	gtgtgttcct	gatttttgagg	300

<210> 944
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 944						
cccagcagag	cagcctcatc	agagaggaca	agagcaacgc	caagctgtgg	aatgagggtcc	60
tggcgctcact	caaggaccgg	ccggcgagcg	gcagcccgtt	ccagttgttc	ctgagtaaag	120
tggaggagac	gttccagtgt	atctgctgtc	aggagctggt	gttccggccc	atcacgaccg	180
tgtgccagca	caacgtgtgc	aaggactgcc	tggacagatc	cttccgggca	caggtgttca	240
gctgcctgc	ctgccgctac	gacctgggcc	gcagctatgc	catgcagggtg	aaccagcctc	300

<210> 945
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 945						
gcttctgct	ctttgtattt	tggctaaagg	cggtgaagtg	agaggcggag	ggggatttaa	60
aaccagcaga	aaaaggcttc	ttgttgggct	gatggtgttt	gtgcgagaag	ctgaggtggg	120
cagggaggag	agcctaggag	agcggtaggg	ctcatgggca	ggccgttggt	gtacgccttg	180
gccctgctg	tcccagtc	caccactgtg	gactccaggc	catcctcagt	ccaggtgggc	240
actgtggcct	gggccacatg	ctggcgatga	cggggatggc	cttccacatg	cctgttctct	300

<210> 946
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 946

agtacagtgc	caggcagcta	ctctcatgtg	gtcagatggc	acattcacaa	cagtccttta	60
tcatgagcct	cctacatgat	gatcctgcag	ctgccacttg	ctcctgtatg	cctattcacc	120
accacctacc	tgtgttttga	agttccatga	ggaagggccc	atgcctcctc	ctgcttatca	180
cagtgtgtcc	aaatcagtgc	ctggttcagg	gcctgtgtgt	atgggacatc	tcctaggcac	240
cacttcacac	cctctcagcc	ctacettcca	ctccagccac	cacctcagca	accagttctg	300

<210> 947

<211> 300

<212> DNA

<213> Homo sapiens

<400> 947

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cctctcagct	gtagctgcac	cacccccgct	ctggctacca	ggctctcccg	gctggggcact	120
gcgtggcctt	gccccctctc	cgctggcagc	tcctcagggg	aacaggggct	accagaggct	180
gatttctccc	ctctcctggg	ccaggggagg	ggtattatcc	ctgcctcctg	ccccgatgc	240
ccaaagcagc	atcttccagc	actttccatc	gaggacttgg	gtggcagagt	gtgggtgcag	300

<210> 948

<211> 300

<212> DNA

<213> Homo sapiens

<400> 948

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ttcctttatc	atcaagtccg	atgtatgatg	gctatcctct	ttctgattgg	ccaaggaatg	120
gagaagccag	agattattga	tgagctgctg	aatatagaga	aaaatcccca	aaagcctcaa	180
tatagtattg	ctgtagaatt	tcctctagtc	ttatatgact	gtaagtttga	aaatgtcaag	240
tggatctatg	accaggaggc	tcaggagttc	aatattaccc	acctacaaca	actgtgggct	300

<210> 949

<211> 300

<212> DNA

<213> Homo sapiens

<400> 949

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gtttattttg	tctaccacag	gtgctcaata	aatatttttg	actattttatt	acatgagaag	180
gtttccatgc	aaacacccat	tgaatacgat	tgaacttgaa	ccctaagaga	tgggctgtga	240
cctttgttgc	cctcaaacta	atcaaagggg	agtgatattc	accatccaga	atctagaata	300

<210> 950

<211> 293

<212> DNA

<213> Homo sapiens

<400> 950

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tgagaccatt	tagagaatga	ttagggggcca	aaggtaaggg	gtggactgtt	aagccaacag	120
ggactcagag	aaagcaaggg	tcagggtgac	cagaaataga	gaaaaaaaaa	ccttacagag	180
gaagaggacc	tggacctgag	ccacagagga	tgggtagaac	ttagaaggag	ggaatgagcc	240
cagtctgaat	gatatgtcta	caaagtatac	aatatgcaat	gatgattaac	tga	293

<210> 951

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 951
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 ctgtgatcag cttgctgcag gaggcagaaa gtaaatctga acttagtcag aacatctctg 120
 cccgggaaca ttttgtatct accgatattg atggccaagt gtatcatctc actggtgaag 180
 gaaactcagt aaaagacagt gctcggattc caccagatgg aagtatgggt agtattacct 240
 gcatcgcttg gaaaggtgat acattagtgc ttggagatat ggatggaaat ttaaatttct 300

<210> 952
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 952
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 gtgaaatggc ttttttacat actcagcatc aatttggtcc taaaatcagg agacattcac 120
 ccttctccac cccaatttcc aacatcccct cctttgtaga gagagcactc tggaagccac 180
 tgagcccat agccctaggg cctagaccac tattccaaaa gggaagactt ttccattact 240
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<210> 953
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 953
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 agcttgatga catggaattc agggaaaaga ctatgatggg gtcacttgta actgcttttg 180
 tgctgtaaaa ttgtcatgga ttaagaagag agttggctgg gtgcgggtggc tcacacctgt 240
 aatcctagca ctttggggagg ccaaagtaag gactgcttga gcccaggagt tccagaccaa 300

<210> 954
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 954
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 tttttaattc ttggactcat gtcctcattg cttcactcaa ttaaaaaaaa attattctcc 120
 agtccccctc cactttgctt cttgtatgca ttgtgaccga cccacttcc tcagaatgta 180
 acggggccag agggaaactt ctcacaaact tcgtagagcc tcctcagggg aagctaggaa 240
 gaagacatca aatgttttta agtcatgacc aaacaggctt gttggggaca tatcatgggg 300

<210> 955
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 955
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 gactgcacag agccgtgtcc cagacacgct gtcagtgcct tcaacacgga gccggtttgt 180

tcatttcggtg ctttgtttca ttaaataata gggaaatata catttaaac aggtatatca 240
gtggaaacac agagttatit taagtacag acaaattacg gttgagttct gtggcttctt 300

<210> 956
<211> 300
<212> DNA
<213> Homo sapiens

<400> 956
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ccggcagctc cccacacctt ttgcgctggg tccacgactg cctgggcttt tgccacttgc 120
cgctgagccc aggtgaggat cccgagctgg gcctcgaaat gacagcaggg tttgggcttg 180
ggggactgag gcttacagcc ctgcaggccc agccgggcag cattgtcccc actcttgctt 240
tggtgagtc ccttccgggg gcgacgacac gacaggacca ggtggagcag ttctggccc 300

<210> 957
<211> 300
<212> DNA
<213> Homo sapiens

<400> 957
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gatcagcaca catccattca agcaccagac actggagaaa gtccacttga ggtcagtaga 120
gctgcctagc agatgcccac ctgacccaaa aagcataaga cataaacatt tattgttgta 180
taccctctga agttttgcat gtgttacacc atattactat agtaatagat aattgatata 240
aatgtctac atggcctgga ccatgcattc cttgctaaat ttatttcttg ctactctgtc 300

<210> 958
<211> 300
<212> DNA
<213> Homo sapiens

<400> 958
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gctggaattg agagactgag gacacaaagt ggtgtgctgg agaataaact agagcctgtg 120
gtgccagact ggcaacttgg ggattgtgtg agtgagggag agattgtgca gagctaattc 180
taacattgct gatgagtgga cagaaaccat aggcctcatg aatagtgatt tctgaagtca 240
aagccagta tgcttaaata tcaacccaag tggtttggga gaggggagca cagcttactg 300

<210> 959
<211> 273
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)... (273)
<223> n = A,T,C or G

<400> 959
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ataaaccctt tcttaagtgc atgagatggg ttgatgggtt gctgcattaa aggtatttgg 180
gcaaacaaaa ttggagggca agtgactgca gttttgagaa tcagttttga ccttgatgat 240
ttttgtttc cactgggaat aaagntggat tgcg 273

<210> 960
<211> 181
<212> DNA
<213> Homo sapiens

<400> 960
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aaccggggac gggtgaaagc cttcgaaccg tgcaggggat gcctcgggac ctggcccttc 120
gcttcctctc ttgtgttatg gaaataaaaa caaataaaac tacaaaaaaa aaaaaaaaaa 180
a 181

<210> 961
<211> 300
<212> DNA
<213> Homo sapiens

<400> 961
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gggctgaaac agacaccagc tctccaggac cagctgctcc aggaatcaac ctctaccctg 120
aaccaggtcc ctgaggacca ccacgtggct gcaacacagc aggagtccac agtccagagg 180
agaagcccga tgctgaacag agaatcacat ccgtgagcaa cacaaaaggc ctcaatcaaa 240
aacctctgaa agccactggc ctagagttag aggaagagtt agccatgaga aatggtggtg 300

<210> 962
<211> 300
<212> DNA
<213> Homo sapiens

<400> 962
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ctgacaacag atcaataaat ggcttttaaa aagcaaaacc cctcaagctg tttatctagg 120
aagcctgaca aaccctgccg cagtgggtgtg gcccacatgtg tccccagggc ctggggccca 180
cctctgcccc agaagtcctc ttagtgtctg tagacaggtc ccatttccac caggtcaacc 240
agggctgtgg cagtggacct ggatggcagg cagagcagag gaccgctggt ctatttggtg 300

<210> 963
<211> 300
<212> DNA
<213> Homo sapiens

<400> 963
gttggttgct aactttgcat tataccaccc acttgtaata tctctgcctt gaagaggaaa 60
aaccaggaac atttcctaga atccccctcc cgttatgatc ccaagttagg atatgccagt 120
gagaggtgct gtttttagtcc cttttgcctg ctgtgacaaa atgacacaga ctgggtagct 180
tataaacaac agaaatttat ttcccacact tctggaggct ggaaagtcca agatcagggt 240
attggtagat tctgtgtctg gtgagggctc attttctgat tcatcgatgg caccttctca 300

<210> 964
<211> 300
<212> DNA
<213> Homo sapiens

<400> 964
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atctaaggta cactccacat tcagaaaaaa aaatgccctt taccatagtt tttgttttgc 120
ttttgggttt gatcaaagat tacaggtgtg agccaccgca actggcccac tgtgttacga 180

tttgaataaa aaaggaacct gtcaagtacc cagagaatat cagaactgct gtccgatctc	240
ctgaaattga aattaatttc ctcaagtact caataaccac tgccactcac tcaagccctg	300

<210> 965
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 965	
catctgtaga attggctttc cgtttgcata tttaaataaa ctttgtggct tttgttaagt	60
ataataaaaa gcatggagtc aaatataagc caagagtatt acagagactt ttaggctgac	120
tcagtatctc aagttctgtg tagattcatc taaacactgc tgttatccat gctatacttt	180
accatgttat cccaaaaggg aatcatcagc aaattttacc agaaactgct gaattcaaga	240
tatattcaat atatattata cttctgacat cctaggaagc ctatccaaag aatacattac	300

<210> 966
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 966	
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ctgttaccac atcaccttgt ccaactgtatg gacagtgaac tgaatgtgaa gaaacttgag	120
gcagagagac agcacagagg ctgttggaat aaattcactg ggctcatctc acatgtatgt	180
cttctagtct acatgtcttc tatttccttc tgtctctctc tcatccccac cattaatctg	240
tcagatgcac acatgggcaa agggctcttg gtaccaaatg tgctcagtga taaaagcagc	300

<210> 967
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 967	
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cccacctccc ttccagggat ttgaatagtg gttttctct agctttttgc cagaacaaag	120
gagggtagat tacttaaacc cagggcatca ggatgtgctt gggctatggt ggccataaac	180
cctgagccca gagagcttgg gtcactgtca cctgagtga gctgggctgc ctccaggcagc	240
ttggagtgcc agccattcct gcaagcaccg ttccagctct tggggccaac cccaggacct	300

<210> 968
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 968	
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aacccaagcc tggaccgagt cataaccaag cagcaaatga cattgtcaac cccagatcag	120
agcagaaagt catcatcttg gaagaaggta gccttcttta cacagaaagc gatcctttgg	180
aaactcagaa ccagtcaccc gaagactcag agacagagct gttatcaaat ctaggagagt	240
cagctgctct agcagatgat caggccatcg aagaagactg ctgggttagat catccttact	300

<210> 969
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 969

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agggctctgt	cctgggcagg	ccagcagatg	cagtgattgc	aaatcctcct	tgtacaaatg	120
gaacaggcac	gtgcatttgt	ggcacactca	gagctgctgg	ccactagtgt	gctttggaga	180
atcagttgtc	tcccaggcgg	ggaagggtccc	tcagacataa	aatactcacc	catttagagg	240
aatgacaaca	gcaaaggaaa	ctatatctctg	ctaatttact	ggtaagagag	gaaaaactct	300

<210> 970

<211> 300

<212> DNA

<213> Homo sapiens

<400> 970

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tctcggcagg	ggccgaccgg	gcaacttccc	cccttggtgc	cctctaccct	gctttggagt	120
gccgggccct	cattcagcag	atgtccccct	ctgcctttgg	tctgaatgac	tgggatgatg	180
atgagatcct	agcttcggtg	ctggcagtg	cccaacagga	atacctagac	agtatgaaga	240
aaaacaaagt	gcacagagac	ccgccccag	acaagagttg	atggagaccc	agggattgga	300

<210> 971

<211> 300

<212> DNA

<213> Homo sapiens

<400> 971

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ggcagacaca	aagatgcaga	ctgggttagg	ttttagaaaa	acttgactta	aatcagtaaa	120
tacagtaaca	gggatggagg	gcataaggct	ccagagcaat	gctggcgccg	tcagtgtgtg	180
ctctagaggt	gcaacccggg	tggttgggtg	tcagcctggg	tgacacagca	ggtggcccat	240
gctggctgag	gcctgcttct	ctccttttgg	agctctggct	ttaccccagc	ttccatgctt	300

<210> 972

<211> 300

<212> DNA

<213> Homo sapiens

<400> 972

agcctgctga	gggatgccca	agaagttcca	gggtgagaac	accatgtttg	cagcgtcccg	60
ggcactgagg	tagaggccat	ggctgcctct	gatgccaaaga	atcataggga	gcttgaggat	120
gcctactgga	aggaccgacg	acaaacacgt	catgaggaag	gagcaacgca	aggaggataa	180
ggagaagcgg	cgctcgcacc	agctggaacg	taggaatgag	actctgcgct	tactggagga	240
ggaggactcc	aagctcaagg	gcggtaaggc	gcctcgtgtg	gccacgtcca	actcggtcac	300

<210> 973

<211> 300

<212> DNA

<213> Homo sapiens

<400> 973

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gtagagacgg	ggtttcacca	tgttggttag	gctggtgacc	gtgtggtcat	ggtggggacc	120
agccctccgg	ggcaccagct	cggggcaggt	tctcacgtgg	gagggcacag	ggcttcctgc	180
aggtcggag	gcccagggcg	gattgtggcc	agtggaagg	aaagatgttt	ctggcagggg	240
gacttggtgtg	ggccacggct	gtgcggctgc	ggcgttgagc	acggcctcac	tgtccacctg	300

<210> 974

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 974
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 ctctccaca gactcctccc tggtcaccac tagtgatcca ccttatggat ctccaaggc 180
 cacctctgcc tctgctctgt gttgtattat ttggggacct gtggtctggc atgcattgta 240
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<210> 975
 <211> 197
 <212> DNA
 <213> Homo sapiens

<220>
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 <222> (1)...(197)
 <223> n = A,T,C or G

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 ggcttctgct ttganngtgt nangacacgc tatgacnccc gncagngnta atgnccccnn 180
 ntgtnatnct gtttttg 197

<210> 976
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 976
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 gtttccccag cagatatcac aaatatgact ttgtttcttc tcagattggg tgtacttaaa 180
 aatacattgt ccagagtcca ctgtaaggca tgaccaataa aagcatctcc atttagttgt 240
 ttaactgact cgtgcacatg cctcttcatg aggcgcttac ttctgtaggt ggtaagattg 300

<210> 977
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 977
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 atgtgttcta gttgatcatt acaaacctgg caggccttct caagggttca gtaattagct 180
 gtcatttccc atttgctcag agagtgtcca acacaaaata cccctaagat cttggccaat 240
 agagaaatgt catggaattt tagaaatgac agtatctgcg gagtttattc caagttatat 300

<210> 978
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 978

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taaattttat	ttcctttaag	ggcaaaacca	acctccaagc	acatttatgg	cccatgtttt	180
aagagctggc	cgccctttct	atcctgtatc	tctgggttaa	cgtgttttct	ttttcttgga	240
gcaaattttt	caaagagggg	ctaaagctat	gtgttctctt	ggagagaact	cctgcctacc	300

<210> 979

<211> 300

<212> DNA

<213> Homo sapiens

<400> 979

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gttctaaaat	acacaaatth	tgagactaca	gcacttcttt	ggaaagagga	agaatgcaa	120
gttcagtatt	tcaatactth	gtattttact	tgaaattacc	cttagtagca	tctttttttt	180
cctgtctgaa	agcttttgtg	tggatgagaa	gggacatttc	atttctctcc	ttacaaagt	240
gtcattctga	ggttctcatg	tgtgtttttg	gaaatagaga	tactggtttt	gtagagtttg	300

<210> 980

<211> 300

<212> DNA

<213> Homo sapiens

<400> 980

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gtgttacgaa	atgttattca	atagcaatta	tgagagattg	ttttagccag	aaactgatca	120
cttttaagtt	actggattat	tctgcttgag	cttgtgagaa	cctcaatgta	ctccagtcct	180
ttctgaaata	aggcaagatg	taaataagaa	ttgtgtgaag	tgtttaagat	ggacacttag	240
aattattcag	aacagaagtt	taaagtgtgt	ggcctaagaa	atgtaattca	aaatgactat	300

<210> 981

<211> 300

<212> DNA

<213> Homo sapiens

<400> 981

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cacccacta	actctggggc	ctgtctgtgc	tatttaacat	ttcattcaaa	caggagctcc	120
tgggaagaag	cttggctcag	tatccttggc	agatcacccc	tcaaagtctc	cctcaggtat	180
attctaagtg	aggacggatc	ccatatatac	ctcacttagg	ctttactctg	ctctgcaagc	240
acaggcaaga	ccagctacat	ctttgcacgc	cacccctggt	tcttagtagg	ccaagaacct	300

<210> 982

<211> 300

<212> DNA

<213> Homo sapiens

<400> 982

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ctgaaaggta	cccaagtggc	ctgaaacagt	gtaggggaaag	acctgggaaa	cactggacca	120
aaaaagcctg	atctcatgga	gacctgcatg	gccctgttag	agatggcgta	gaagtgaag	180
tcttaaaggg	agcattagag	atccttttaa	tacacgactg	agtgccagct	tatttgtgat	240
gccccttccc	agaccagggt	aggattcctg	ggaaggccgc	ggattccggc	cctggaagag	300

<210> 983

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 983
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 ctggaactag aggccagagg gaaactatta aactcacgtg ctggcgtgag gaggggatgg 180
 agccaggagc tcagactctc cctcatctca cgggcatttt gtaatactga catttccaga 240
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<210> 984
 <211> 136
 <212> DNA
 <213> Homo sapiens

<400> 984
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 gatcattgtt aattagtgac atagtaacat ctgtagcagc tggtagtaaa acctcatgtg 120
 ggggaggtgt gggagg 136

<210> 985
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 985
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 gtaacccgaa taagctgtca gactttgata gtgaagaatg aaaatcttga aaatttggag 120
 gaaaaagaat attttggaat tgtagtgta aggatttttag ttcattgagtg gcctatgaca 180
 tctggttcca gtttgcaact aattgtcatt caagaagagg tagtagagat tgatggaaaa 240
 caagttcagc aaaaggatgt cactgaaatt gatatttttag ttaagaaccg gggagtactc 300

<210> 986
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 986
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 acatactatc ctccccattt tataattgag ggaactgaag catagacagg ttacatagct 120
 ggtgactggc agatgaattg acttagccgt ggtcctgcag gtgatgagtg gcagcactgt 180
 gctcttatca ccagctcttg agcgtgctgc atcctctcat ttgtcgttgg tctcccctag 240
 tgttcagtag tgtgccttgc acgtgtttat actcagtagc ttttgaatga cagacttaca 300

<210> 987
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 987
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 gagagcatga gagcacagta gccagcctg ctggtcagca ggctcatctg tggttcacct 120
 gtagacagag agcagatcaa tgtgtacttc agacaccaga aagtctggtg gctttgggtcc 180
 caagtgggtg aatcacctga ggtcaggagt tcaggaccag cctgaccaac atggggatac 240
 cccgtctcta ctaaaaatac aagccggggc tgggtggcgca tgctgtaat cccagctact 300

<210> 988
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 988
 atgcaggaac tgaaaaatag tacaaattct agttcctttg gcttgagtga cgagcgcatt 60
 agtttgggtc agctgtcatc atcgcgggct gcccatctga gtgtggacct agatcagctt 120
 ccaggttcag tgccttctcc tctcctcct ccaccacttc ctcctcagtt ttcactctctc 180
 cagccaccgt gttttcctcc cgtacaacca ggatctaata atatttgtga ctcagataat 240
 ccagcaactg aatgagcaa acagaacctg gctgctaata agaccaatta tagtcatcat 300

<210> 989
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 989
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 ccaggctggt ctcagctcc tggcctccgg cagtcctccc acctcagcct cccagagtac 120
 taggattatg ggcattgagc accacaccta gccaggcttt ttatattgag ttgggtatat 180
 atgcttcata gccacacttt ataataattg agtatagtat taaattacag cttgttgtca 240
 agtcagtgtt tctgtaagac agtatatcca atattgggta gagtaacacc tatttggtga 300

<210> 990
 <211> 245
 <212> DNA
 <213> Homo sapiens

<400> 990
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 tgtttatagg ttactttgaa agtaaaatat actatgtctt ggttttgagg atattggata 120
 caaaactctc ttccttttagg gctactgaga cttgatctct gatcatcaga aatttcacca 180
 gaaacaactt gcttccaata taccacaattc tatatgaaga attcatggag agtgtactgg 240
 cactg 245

<210> 991
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 991
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 tctaagatct ttctacttcc caaacttgga attctctttt taggagcatc tgcgtgccca 120
 gatgtatgtt ggagcccatg gtgtatgggg gtgggtgttg ggaagggtg gaggttacct 180
 acccctgag gcttctccag aggggtgtngg gacccanatg gacctgggtg aggaagggcc 240
 ctgganaggg cnggcctnna gtctcactgn tccttangtg gnccgngnt ncaaacctgg 300

<210> 992
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 992

gtcagcttca	ggtaggagga	tggcacagac	tcaaggtcaa	gcagaggtgt	gagccacaga	60
agcagagtag	caggccaagt	tccagcatcc	tggttgccag	gaccacctgt	caggcttaag	120
aagctggagc	tttaggatat	ggagtgtcca	tcacttggca	tctttctcat	agcccagggtg	180
gcacttgaga	attagggttag	ggttgatttg	gaccctatgg	tttggtaaat	catgtccctt	240
gaatgtatac	aaatgatgtc	tgttgatatt	taaaatatgt	ttctttctgt	ttaattgtaa	300

<210> 993

<211> 300

<212> DNA

<213> Homo sapiens

<400> 993

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gagatgggtc	ggcagagccc	tgctgatggc	tgggccttgt	gggcagccac	tctgtgtgag	120
caggggtgtg	ggcccatata	cttcaaagac	cagagccctg	caactgggaga	gtgctcctgg	180
cccaggctgg	gaatcacctt	tcgaggccct	tcagactctg	gcggggcttg	ctgtggcctc	240
cctccagcta	gtggtgtggc	tgagcagact	ccaggggccag	ggccagttcc	cttctccctt	300

<210> 994

<211> 300

<212> DNA

<213> Homo sapiens

<400> 994

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attgcccgtg	tggagaattc	ctatgggcaa	gagcgtcgct	gccatctcat	gtgagccctt	120
gggtgtgggg	taactgcctt	gcttctgccc	ccggcacttg	ccatgttcca	gtggggggca	180
gacccacagg	acttcacggg	tatgggtgcc	agctgtgttc	ctggcccctg	gacacacagt	240
gtggcactct	catgtttgca	cactttcccc	aggctccagt	ggccctgatg	tcaatgttta	300

<210> 995

<211> 300

<212> DNA

<213> Homo sapiens

<400> 995

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ttttccaact	cagtaattaa	aaaaacattt	acttccctgc	tactgggttg	tggaatattg	120
tcaggatctc	tgggttccag	gtgagggatg	cagaatgcag	ggaaagacag	gtcccctgcc	180
ctccagaagt	cggtggcgcc	ttttcagagt	aacacacact	ggagcagacc	cctggaaaag	240
gacagtccac	tggtggacca	tgaccttggc	caaaagaggg	accaggctctg	gcttgctcac	300

<210> 996

<211> 300

<212> DNA

<213> Homo sapiens

<400> 996

ctaccacatg	cagcagcagc	agtaccggca	ggcatcagc	gtgtgtgagc	gccatgggga	60
gcaggacccc	tccttgtggg	agcaggccct	cagctacttc	gctcgcaagg	aggaggactg	120
caaggagtat	gtggcagctg	tcctcaagca	tatcgagaac	aagaacctca	tgccacctct	180
tctagtgggtg	cagaccctgg	cccacaactc	cacagccaca	ctctccgtca	tcagggacta	240
cctgggtccaa	aaactacaga	aacagagcca	gcagattgca	caggatgagc	tcgggtgctg	300

<210> 997
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 997
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 agtgagcccc tccctggggc cagaggggag gtccttgagg gcagcgctca ctatgggggg 120
 ccctcccttg agaagaaggc aaaaagttcc tctgggggca gctcccttgc caagggccgg 180
 gctagcaaga aacagcagct cctagccaca gcggcccaca aggattctca gagcatcgcc 240
 cgcttcttct gccgaagggt ggaaagccca gctctgctgg catcagcccc agaggcagaa 300

<210> 998
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 998
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 tgccaccccc acaacccttg aggaggtgta gaccaggtct gagagccgca agcactgagg 180
 cagggcctga gactggacct gggtagcggt gnngtgtgga ggntggcgag gtgcggagac 240
 tgcagaccag tgnttctactg tntggagnnt gncatgctgn gtctgtacct tngggacttg 300

<210> 999
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 999
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 cagcatttga ggaaagctgg ttttgtcaac aacaaaatac tgatggaaga cagaaatagt 120
 gtttttaggag aaacatttaa tataaattca aaccttggtc caatgagaaa aatacctgat 180
 aaatatgact tatgtataat gaacgtgaat tatatttcag aattaattgt tagtaataga 240
 aactcctttg gaaggaagct tgatgagctc agtgcacatg cgaaattgct cttcatatg 300

<210> 1000
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1000
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 atgtcctttg ggcaggatgt ggatgcagct gtcggggcag ctctggatcat gctccggaga 120
 cacctcaacc agaaggaatc ttagacagca aactccttcg ccaaacgact gctgtgaatt 180
 ttacctgatt aacattcctg acaccatctg tgggtcatcc tttccctgga ccgttcagtg 240
 gacagctttc aagcagtgct tggtgtgagg tcccatcttg gccaaagaact taccttcaga 300

<210> 1001
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 1001

caaaagcagc	agcctcattt	ctgtcctcct	ttgaatttca	tattaaattg	cttacataga	60
atgaaggctg	agttcactgg	caggctaaca	aagctccttg	taatttggcc	ttatatgccc	120
tatgccttct	gctgtagtaa	tactttgatg	cttgtaattt	tcttgaactt	acgtcatttt	180
gtgtctctgc	ttttgtcagt	tctcctgact	cttagttttg	cctgactctg	tcttcataga	240
cttgtgtgta	ggcattatta	tctcctgtga	agtcttctct	gacagttact	tactccctcc	300

<210> 1002

<211> 206

<212> DNA

<213> Homo sapiens

<400> 1002

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gaatcttgca	cgatccttca	atcataagaa	atcacatgtt	agtgcagaag	gtccagcgtg	120
aaatcctcta	agtggccaaa	tctaggagtt	cttctctggc	ttggttggct	aaagcagtga	180
tctgtgtcac	ccccagggcc	atcact				206

<210> 1003

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1003

gttacctctc	aatttttaact	ttttttttct	tttttaatta	atgtttttta	cccatggcaa	60
gctgtaatag	ctttttttgag	gggaggtagg	tgcttgataa	agaacagtag	gtgctgctta	120
tcaacagatg	aaaggagggt	tctttttcag	gcaaccatct	catttgtgag	tgaatggact	180
ttctctttaa	agtgtctggga	ttgttagtgc	cattttttatt	gtaaatatca	aaattgttat	240
tttttgtctt	ctacctaaga	attctgtctc	ttaggccttc	tcttcccaga	tttcccaaag	300

<210> 1004

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1004

attacaggtg	tggcgtgagc	caccgtgccc	ggccaagctc	ctggccttct	tattcacttg	60
acagttttga	gaatctttga	tttcagggat	ggtgagagct	gctcctgtca	tctggagttg	120
agtctcacc	atgggctaca	gtgtacacag	gagtgaggacc	ttctgttctt	gaacttaggc	180
tgtggtgtga	tcaccctttt	ctctgcatec	acctgacagg	ctgggacttg	ggctatgctc	240
tggacaaggc	tggctggtgc	aatgatgccc	tctagaggat	ggatcaggcc	cagtcaccac	300

<210> 1005

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1005

gtgaaaacac	ctagacaaaa	gtcattctat	tctgacatat	tgtcttttct	ggatatgact	60
ttgaaagtaa	gaattgggga	attactgggt	atacagattc	tacatttttc	ttcactaata	120
gtgattccaa	gaaagttag	atctttccac	atggaaaccg	tcatgtaaga	acagaaaaac	180
tctaaggttt	atctgctgtg	ctgctcaact	ggatccagac	caggtattct	tattttaaaa	240
gctatatttg	atagatgtta	tattctactc	ttgcttcaaa	acaaatcact	ttcgacacag	300

<210> 1006
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1006
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 taggacttga gtctttcttt ttctgttttg agttggtgag tgagtgatag ggtaacatgg 120
 gccttcagga tgacctcttg gaactgtgcc gagttcctta aatctcagct gggatcctgg 180
 acctgggagg cccctgtgag ggccagctct ggaaaaacct gggagttgat gccggaggct 240
 gtggaagaac tctgctcgag ggcagggtgc cctggaacac tggtagttct ggggctggga 300

<210> 1007
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1007
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 tctggaaaga gcctacttcc catagtgaac cctgtgaggt ccaattctgt tcttcccctt 120
 ggagctccaa gagaaggtea ttgtccttgg agcagcaggt gcccccccaa gctgggttct 180
 cactgcaggt gccagcgggc tctcagtagg tatgacctgg atgtgagtgg tgagccagga 240
 ttgaggcact cagcaccttc gaccacactt cccactctcc ctggggggttc aaggcaggct 300

<210> 1008
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1008
 aacacttaca gcctatattg taactttctt cctgggatat agaaagtatc agcctaacat 60
 tgatgtgcaa gagtctatcc attttttggg gtctgaattc agtagaggaa ttccagacaa 120
 ttatactcta gcccttataa cttatgcatt gtcacagtg gggagtccta aagcgaagga 180
 agctttgaat atgctgactt ggagagcaga acaagaaggt ggcattgcaat tctgggtgtc 240
 atcagagtc aaactttctg actcctggca gccacgctcc ctggatattg aagttgcagc 300

<210> 1009
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1009
 agtcattgag agtctgtacc aaaagctaca tgaaggccat gggaaaaccc ggggtgccagt 60
 ggttctagtg gggaacaagg cagatctctc tccagagaga gaggtacagg cagttgaagg 120
 aaagaagctg gcagagtcct ggggtgagac atttatggag tcatctgctc gagagaatca 180
 gctgactcaa ggcattctca ccaaagtcac ccaggagatt gcccggtgtg agaattccta 240
 tgggcaagag cgtcgctgcc atctcatgtg agcccttggg tgtggggtaa ctgccttget 300

<210> 1010
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1010
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 tagtttttca tctacaccag ttatctcacc tgctcctaac agtacaccag ctaacagtaa 120

caccaacagt	aacagtagcc	ttataacaag	tcaggatgct	gtggaaaggg	ctcagcagat	180
gaagaaagac	ctgcttgata	agctagaaaa	attagctgaa	gaccttcccc	ctaataccct	240
ggatgaactt	atcgatgaac	ttggtggccc	tgagaacgtt	gctgagatga	ctggccgcaa	300

<210> 1011
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 1011						
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aggctgaggc	aggagaatca	cttgaaccgc	gaggcagagg	ttgcagtgag	ctgagatcct	180
gccactgcac	tccagcctgg	gtgacagagc	aagactccat	ctcaaaaaaa	aaaanaanan	240
gganttacnt	nantttaatg	gntgnttggn	aggttttttg	caaacaaaaa	ntcctttttt	300

<210> 1012
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1012						
cctctgcaaa	agtgaaaagg	caacgaaagg	caggagagga	gataatcaag	catggctggt	60
ccctcaatg	tgtagagtag	gggagcttga	gctgagggtg	cagttggtgc	ccagatgctc	120
agctgccac	ctggcttggc	ctggcttcct	ccacagtcca	taccctacct	ccagggtgctt	180
caggggccac	agccacccca	gtgggtggtt	gggctgaagt	agatcatgtc	atgtggatgg	240
gcctgtttac	gtgatgtgcc	atggaagggg	gtggcagggtg	ggcagcttgg	agtgaaaagc	300

<210> 1013
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1013						
ctgtgaagta	tatgtaacat	gagcgagcgc	taggggaacg	cttcaaagca	gtaggcagac	60
atcattgtgg	agctaaacta	agcacagtgc	ctatagacca	gggtgctatg	aacaggcgga	120
aagagtgttg	acaatcagaa	attgtcaatg	gtaattgcaa	ataggaagac	gcaagggcag	180
aatggcagct	gcaagcactg	atttgcaatt	atgccacttt	cactgggaac	tctgagtact	240
ccaggggtggg	tagctgctgc	agcttgcttt	cttctaataga	ggattaatga	ttactttgag	300

<210> 1014
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1014						
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cctggaatta	gtacagtcga	agcggcacgt	acaggacaag	aattcaagat	gcttgacagt	120
ggagcacaag	ggcattagct	tgagggacag	ccagaataaa	tggaaacttc	attatccatg	180
gattatgcac	ttggaactta	ggtcctaggc	aactctgata	ttagtaattt	ggccagcagg	240
ctcatthaagc	tcttaagaaa	agtgggccta	gttaatgaat	taacacaaga	tgacatttta	300

<210> 1015
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1015
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 gtaaatatatt atgaagatct gtgagaggca ctacccttac cctggagcta acctgtgacc 120
 cagagagcaa gactcttgct ttacagaaac acatattctt gtggaatgag aggggctatc 180
 atcaagtaag caaatcattc catggagtgt gttagtctat ttcccattg ctttaaagaa 240
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<210> 1016
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1016
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 gaagagccta gcggggaatg tcatgaatcg acctccatcc tgagctctcc aggcctggga 180
 caatggaaag tggatagggg gctgtcttcc cagaaggaag ctgggtcaga gggttggtgcc 240
 ccatgggctc caccagagc cccatggcag tctccatcca ttggtgccag gacctgctgg 300

<210> 1017
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1017
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 tcaactcagt tggatttctg ggatgagaat tagaggagtc ccattgaaaa actggaatga 180
 gagatgagaa gtttgcgtgaa aacagaacat tttttgtgt gtggattgat ttgcctcgta 240
 tacctgcctt gtactttaac cacatctttg cagtttaaaa tagaacacat tatttcttca 300

<210> 1018
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1018
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 tctaaggaaa ttccagttcc tcatattata gttttcccca taatttaata ttactaagta 120
 ttctctgccc cagtaatgtt gatgcagttt gcataaatag ccttggaagt aaggaggcag 180
 gacagaaagc caaatatcga aatctctggc cttgatttag tgacagttta ttctaattggg 240
 gaccataggt gttattagta aaaagatagt gtacaaggcc taagttcagt ttacattgtt 300

<210> 1019
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1019
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 atagagcact ggtgccaggg accaaactga gacccacca ccgtcatcaa cacttacata 120

ccataaaggt	cttcagagt	ccttggccct	agacctccct	tcattctttg	tagagatgga	180
atctaagaat	gaaacatctc	cactcagtc	tgcaaataatg	gaagttcttg	agataccttt	240
ttttggtaga	tacttggtg	ggtattctga	gagtcacttt	actctgatgg	tttgcaagat	300

<210> 1020

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1020

atggggcgcc	ttaccagga	gatgctagag	aatgatcttc	tgcaaagcca	tgaactcatg	60
cagactgttt	attccatggc	tccgttccct	ttcccacaat	tggcagagtt	gagggaaaaa	120
tacacctaca	acattacacc	gttcccagcc	acagttaaag	ccacctcagt	ttctggacga	180
catagtaagg	ccagagacag	tgatgaagag	aatgacctag	acgatgagga	tgctgtcgtt	240
aatgcagtgg	ggtgtcttgg	accttttagt	gggttcctgg	ctcctgaact	gcagaagtac	300

<210> 1021

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1021

gagaatcatg	actgctggct	gaagcctgca	tctttgggta	aacagggcaa	ttaattccca	60
gagaacaagg	acatcatgga	tagttaaggc	aaccagatag	gtgcttatcc	tctaggtctc	120
catccaaaat	ggagtaatga	cacctacttt	cgtgttttaa	gatttaaagc	cagtaacata	180
tgtaaagtgc	agagtctgat	gttcgagtc	acaacgatgt	aaataatgca	aaaccagtgg	240
attactcatg	cttaatttat	attttacttg	gaaattttat	tcctttttct	tggttatctc	300

<210> 1022

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1022

gcataggcag	ggctagaatg	ttggacttca	gatctcttac	ttctgtgtgc	tagtgcacca	60
ttcttagtcc	agcacagaca	attctcaaac	agattagcaa	accacctctc	tgaaattgca	120
agaattgtta	ccatgtgatc	aaggcatcat	aattaatgca	aacctagtt	tctagttggg	180
aaagagatta	agatggagac	tttgtagtaa	aagatggaca	tatatattat	tcacatagct	240
tattttat	tgaatgaaag	agccaagcaa	actctagcct	tggcctgttc	ctgaggaggt	300

<210> 1023

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1023

cagaagcaca	ggcaaggatc	aatgcccggc	ttcagcagta	tcgtgccaaa	gcagaactag	60
ctcgatctac	cagaccccag	gcctgggttc	caagggaata	attgccaga	ccactcacca	120
gcagtgttcc	agctattcgt	aaacttatgc	ggaaagcaga	actcatgggg	atcagtacag	180
atatctttcc	agtggacaat	tcagatacta	gttctagtgt	ggatggaagg	agaaaacata	240
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<210> 1024

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1024

gcttagaaaa	ttaacctttt	tctattaggc	tggtgcaaaa	gtaattgcgg	tttttttgcc	60
attaaaagta	atggcataaa	ccattacttc	tattaataaa	accctcaatt	ttcattttca	120
tagcctttca	gaatgggagt	aagctttgca	atcaacctgc	tccttcatct	tatctgtaca	180
cttgataaat	ctgattcagt	ggttggaacg	gaatctgctt	ttcctgtatt	ggttacaagc	240
aagcactttg	cctgggtgag	tgtagctgca	gtatagcata	gaattaagac	tacagtttca	300

<210> 1025

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1025

gttagagtaa	gtaaagatat	ggttaagaaa	agtacttaaa	tccaagaaag	agagtcaaca	60
aatatattata	ccattctctc	attaagtgac	actggttcca	taaattttaa	gacagcgggt	120
cacccatata	tatggttttg	cattccatgg	tttcagttac	cacagtcagc	ctctgtctga	180
aaatattaca	tggaaaattc	cagaaataaa	caattcataa	gttttaagtt	gcatgccgtt	240
ctgagtagct	tgatgaaatc	ttacaccatc	cccctccatc	caggctagta	catgactcat	300

<210> 1026

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1026

gagcagagat	ggccacagaa	agccagagaa	gctggacgag	gcctccttgg	caacaaaaga	60
gtgacttaac	gcagttctaa	tgctctacat	ttttatgctc	ttatcctgca	gttacaggat	120
aagtcaagat	acacggctta	caaagaaatt	ttgttctaat	tttataatag	tagagatggg	180
gtctcactat	gttgcccagg	ctgggtcttg	actccagggc	tcaagcaatc	cgctgccta	240
ggcctcccta	agtgtctgat	tacaggcatg	agccactgaa	cctggctgta	caaagaaatt	300

<210> 1027

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1027

cagatatcag	ggaccgggac	taggtgtgat	ggctcagctc	cccactaccc	agacctgggt	60
gagattttaa	aatgtattgc	tcaaacattt	atatggtgtt	tactatgtgc	cctgcactac	120
tctgttttat	aaatgttact	taatccctat	gatagcgcta	taagggtact	actataatta	180
tccccagttt	tacagaggag	gaaactgagg	catggagaga	ttaagtcatt	tgtcaaaaat	240
cagatctggg	aatcctgcct	ctgggggtcca	tgttttaaac	caccatacca	tggctccctg	300

<210> 1028

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1028

aaaccatcca	agcagttttt	attcattaat	attcataaat	acacacagca	gcttcattag	60
agattttcaat	tttctctctc	agtttgaatg	tggagtatta	ggagagcctt	ttgcatgtca	120
aggtacagga	agcagagatc	accctgcac	tgctacctac	atttacctgc	tagaagtaaa	180
aattagttaa	gtggaaatga	ttatcatata	tattttctct	cttccctttg	aatgtacaca	240
atgtaacaag	agtgacagac	ctgaaattac	aatcaccaaa	caaaccacaag	atagttgttg	300

<210> 1029

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1029
 gaaaaatatag gccttttattg tctttaacat tgaagtaact ttgtagtttt attcaattat 60
 gagccagcag atccttagtt taggccctta tattgcatac ctaattagaa ctttcccca 120
 agttcaactg catgacctta atgtattgga gcacgtctta caggtggact taaaactcta 180
 gaatttcctg agtcgttggt attttccact gaaggtcttt ccactgtaca gcatttcagg 240
 catcatcact atgattcttt tttcttgact gttgcttggt ttcccactgc tcttttcccc 300

<210> 1030
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1030
 tacaagttgg attactatga tgtgtctcaa gaagttttgg ctgtttacct tcagcaaatt 60
 cctgatagta ccacgcact caatcttaaa gcctgtaacc attttcgcct ttacaatggc 120
 agagcagctg aggtattgat ggaagtgtgt ttttaatgta cttcattcca atttgaatta 180
 ctttatactt tccaagttat tcatgaaact ctgttatctg taactcttga ttaatatccc 240
 tttatcattg ccactgtgat tctataagaa cctaattata tgtttatcag gtattctaaa 300

<210> 1031
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1031
 aagaggctcg ctcacctact gctgcccacc ctgggctggg cagcaagagg tctgctcagc 60
 ccagggtggg tggggcgcac acctgtcttt gtgcatgcaa atctgataca cctggcgcat 120
 cctctggaga gcacaacgca tggaaaggctc tggaaagctct gtgtagccat tctttctgca 180
 gtcacacctac ccaagtaaaa gtaaccttgg ctatgttacc accgttttgg tccccagga 240
 ggacatctta gcaagggtgc ctgcgaggga gtgtgggact gggcctcatc ctgcgcggcg 300

<210> 1032
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1032
 atctagttga ggcaaagctc atttggctat agagtaaattg taagacttgt tacaacagaa 60
 atttaagtgg ccagttcaat gtcctttggc tatatttgac ctacctttaa aacctagccc 120
 atttcataac agcctcttct gtgcctgggc ttgaaatgtc taaagctgcc ttcgtgtctg 180
 ggattacacc atgtaggtca gtataaagag ggcagtcact cctccatttc tcccagcgtg 240
 tccagttcag cagatttcta aagctgttaa gcagcctctc tttttgaccg tcctaaactt 300

<210> 1033
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1033
 tttaaagtct tccccatcat atcactgac tcaaaagcta gatttgtctt cattttagtc 60
 gtatccctaa aaccatgcat tggctcggac aggagttgtc ccatattccc ttgcagactg 120
 gtcactccat gttctctgtt acagtaagga ccagccaagc ttcagctgtc ccattcctcc 180

ccctacaaca cacacacctt tcaggcaggg aggagatgag cttccagccc caagagtgga 240
ggctgccaca tcttaacata gtatctattg aaaaggaagc agtgtgtatc tatgattata 300

<210> 1034
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1034
gtgaggaacg cctagaagtg tgcttgTTTT cagcctctta tcatctgccg gcctgcaccc 60
tggtcagagg atcagattct ttcaagaggc agtttctttc attcagcctt ttacttgagt 120
gaagcaggct tgttgggcat cagtgaatat catgctaaga gttccgtagt tcaaggagac 180
ctagaataag ggggaaagca ctttgtgaat tgcccaagtt attgcctagg gatatgcata 240
ttgggagccc tgaggagtgg ccaaggcacc acagaacaga gactcacact cagtacctga 300

<210> 1035
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1035
gtcggctgcc agcaacaatc accaggtacg tctcacttcc tcttcttgga tgtggctggc 60
tttacggaaa acagagcgta tttgtgaagg cttgtgatgc attatagcta ttgccattcc 120
ccaaaagcaa aaacaaagtt gcttttaggt tgttctgtgg catttctggt gggactaac 180
aaagaaatca cctgttaagc ctgataatga ctgtttgcaa aatttattat aagagaaaag 240
gcagggtatt gagggttgct tttagaagtc tgtcatgata tgaacacaga cccagaaaac 300

<210> 1036
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1036
aacgcttcaa ttgttttgta gaaatttttaa taggaacttc aagaagtaaa cttttataac 60
attgtaaatt cttacgtaca gcatcacaaa agacaaggaa tactgtcata tctttttagc 120
aaaatgatat tgcctagggt cttgttgcaa aataccacat aatgaaatcc ttctgtttgc 180
atgattaact ggggtgagaat atcatctttc cttttgggtc gtagaaatgt attattcact 240
actccattct tgaggtttgt tttttaattt ttttgagac agtctcactc tgttgcccag 300

<210> 1037
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1037
gctgggtgtg gtggattaca cgcgtagacc attgcaccca gccttaaggg accaggactt 60
tatcttttcta cctgctgta ccatcttttag ctttttatct tttattctc atgcttttgt 120
ttcttcatga tgttaggatg gctgccataa ctccagggtg tacaccaatc ctctaaacaa 180
gaaacaaggg gttgagacaa aacactctga gaaggttttc tggaacaaa agacctccaa 240
gctgactttg cttcataact cattgggtca aactgagcta tatgccata cttagagcaa 300

<210> 1038
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1038

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tagattctgt	tgttacgtgc	aacactgtat	atctctccat	agcacttaat	cagagtttgt	120
aattaggcat	ctttttgtgt	gattatttgg	taaatgtcca	tatccccctac	tagcctataa	180
gctccatgac	ttctaggtac	cctgtctgac	tacgtgtatc	actgtttcta	ccgcctaaca	240
ttgcctagca	cattcattgc	ttcacaggca	tctgaatatg	gttttataaa	atacattgct	300

<210> 1039

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1039

gccatgttgg	ccaggttgg	cttgaacttc	tgacctcaag	tgatctgect	gcttcggcct	60
cccagagtgc	tgggattaca	ggtgtaaaact	actgctcctg	gcctggaatc	catttttaat	120
gggaagcaca	atttcatagt	taatagttag	gggcaggagc	ttaagttata	attgcagctc	180
cactaattct	tagaatgaat	atagattgaa	gtcttgggg	ttttggcatg	atttgtgaga	240
tgaaattatg	tgatagcaga	aggaaggcct	cctgcacttc	atgtttacag	tagagtecta	300

<210> 1040

<211> 134

<212> DNA

<213> Homo sapiens

<400> 1040

gtaaaagtca	ctctgaggaa	ggccagaaca	gtgcagtggc	tgctggggtt	gatgaaccgt	60
actcctcaga	gcattctaggc	ccgtgggttt	tcagctggag	ctcatctgag	cccctgtggg	120
gggctgttta	ggac					134

<210> 1041

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1041

gtggaatcag	aggtttcttg	ctgactcgg	gggtgccttg	aaccaggaaa	ggacaagaaa	60
gaggtgagtt	gcacttggca	gttatagtag	agctgcctgc	ctgtggctct	tcttgctttg	120
aggtttgctc	cttcttcagt	gcaacctttt	gcccagacat	ccctaattgc	cccagctcag	180
agcagcagtt	ggcaggcagg	agctttgcag	ttagccatcg	gagagcccca	cagacagggg	240
ttaataagta	caaacagtca	tcacaattaa	ttcaggccag	gctgtgtgct	cctggccttt	300

<210> 1042

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1042

ggaaagccct	gcatgacagc	ctgcatgact	gttcacattg	gttttacaca	cgctggaaaag	60
attgggaatc	atggtattct	cagagctttg	gtttacattt	ttccttgaga	gaagaacagt	120
ggcaagaaga	ctgggcattt	atactctctc	ttgctagtca	gcctggagca	agcttggagc	180
agacgcacat	ttttgtactg	gcacatattc	ttagacgacc	aattatagtt	tatggagtaa	240
aattattaca	gagtttccgg	ggagaaactt	taggatatac	tcggtttcaa	ggtgtttatc	300

<210> 1043

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1043

ggtagaagaa	gaaatgatta	cgaaaatcct	ggataagoca	gctccctttc	aaggggatca	60
gtgtcctcag	tccccaccc	ccacctaaaa	agcagggtccc	attcagccca	gccagctcat	120
ccctgcagtt	ccatccagga	cctacagggtg	tcgccctccg	catggcgagg	cccgggaaggg	180
cagctggctg	caggaggcag	aggagtctgg	accgcctaac	ctgagcatgt	ggaaataata	240
tatgtcttca	agtgaactgt	ctggctcctgg	agaaataaaa	taggacattc	ataagcagtt	300

<210> 1044

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1044

cccaaagtga	aaagactgct	gtcagatagc	acttgccctc	cccatattat	tcagctactg	60
ctgacctttg	accctatect	tggtgagaag	gttgctattt	tggtatacca	tatcatgcaa	120
gataaccac	agttaccccg	cctttatctg	agtggagtat	ttttctttat	catgatgtac	180
acaggttcca	atgtgcttcc	tggtgctcga	tttttgaaat	acacacatac	caaacaggct	240
ttcaagtcag	aagagacaaa	aggacaagat	atttttcaga	gaagtatact	tgggcacatt	300

<210> 1045

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1045

aaaagggtgaa	tgacagagcc	tggtccagac	cccagccctg	tgtgtcaata	caacttttca	60
cgttggttaca	tacacatttt	ccagtctgtg	tctccctctg	aaagaaaccc	tgaaattcag	120
gttgctaata	gattgttggt	tgcaagtatg	aaggacagag	gaggtaagag	aggaggcaac	180
ttgctaattgc	aaaagcagtg	tactgaaagt	cactttttatt	tcttatttat	aatctacatg	240
cacactctgg	ataatagatg	acactgctca	ttcagtactt	taacttcaaa	gcagagagaa	300

<210> 1046

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1046

gactgacaga	ggtgcccaaca	tggtcattctg	tttttgaaaa	gttacatgac	actattaagt	60
attgaaaatg	ttctaactag	aaaaacgatt	ttcttaatac	tagtttttat	tgtgggggtgt	120
gtatgtaagt	tttaacgtgc	aaattaacat	atagaagtca	ctttgtgagg	tttcatttaa	180
atgtattttct	cagatttttgc	tgaatctgta	atagccattg	aaatatttaa	gtaccttggc	240
tgttcctggc	atcaataaac	agattttttct	ttccctcctc	atgccatata	aaagttgaca	300

<210> 1047

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1047

cactcttttta	tattagggac	ttgagcatct	ggagagtgtg	gtatctgagg	gagttcctgg	60
aactaatgtg	cagatgccaa	gggacaactg	tactattgta	cttggaagta	ctcatgggggt	120
catattgcat	tgtttctttg	agtcctaatt	ctgccaacat	ggcctgggtgc	ttgcattaat	180
cagcttttcta	atctctgagt	aacaaggcac	agtaacaagg	agcagtaaca	aggcacaagg	240
cttggcacct	gagagtggag	gtaccaggga	ggcagacacc	ataaggcggg	aaatgggacat	300

<210> 1048
 <211> 229
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(229)
 <223> n = A,T,C or G

<400> 1048
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 tctatcctgc tggaaaaacc ggacagactc agaaccacaa aggcaggctgc tgccagcctg 120
 gcgccttctc ctctgcttag gctggaatga gcttgtagac gcctgtgcct caccntttct 180
 ntcttctagg ctcanngnat gcttaaneng ggcnnngtnc acggcacct 229

<210> 1049
 <211> 272
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(272)
 <223> n = A,T,C or G

<400> 1049
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 agcagtcttg caaggaagca gggcagagac acagcccatg gccctcact gccctgctgg 120
 aagggctgat ggagctcccc gcagcatggg tcttgcttgg gtgacagagg ctctgtggc 180
 cactttagaa gtgcggttta ctctcatgc nganattgga cnttgggcat ntcagttctn 240
 nnagatgttg gtttgccgnt atntcttttn tt 272

<210> 1050
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1050
 ctgggtgacc cgaacacctt cctcatcacc acccatcact ccacctgctt cggagaccaa 60
 gatcatgtct ccgagaaaag cccttattcc tgtgagccag aagtcattccc aagcagaggc 120
 ttgctctgag tctagaaaata gagtaaagag gaggctagac tcaagctgtc tggagagtgt 180
 gaaacaaaag tgtgtgaaga gttgttaactg tgtgactgag cttgatggcc aagttgaaaa 240
 tcttcatttg gatctgtgct gccttgctgg taaccaggaa gaccttagta aggactctct 300

<210> 1051
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1051
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 accgcgctct cgattttctgc cgcgtcccg cctctaggacg cggagtccgt gtgcggttcc 180
 gtgaggctgg agggtagatc ttaaggatca acaaacagta ataagtactg aatgtacaag 240
 tcttcagttt gtcagccctt ttgcttttga ggcaatgcag aaggtggatg ttgtttgcct 300

<210> 1052
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1052
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 tttcaagaag gaaaacaaag aaaaaaagggt aatcagggta tgttacatag tttagctgct 120
 tatagttttt ctttggttct gctcatggaa acacaatgac tatcaatcta agtaagacta 180
 taatatatta gaaggatggg tgatgagaag tgtgaagtgt tgcaaaggta aatccttata 240
 ttccgctatg aagtatcaat aagcaatgcc caaaaaaatg aactattaag aagtaactgt 300

<210> 1053
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1053
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 tgaagtagtt ctttttggat ttcagttggc ctttttagtag agcctttctc ctaaaggatt 180
 aaaacgtgag actgcgggct tgagccaaaa agcagtcaga gggacaaata ctgggtttta 240
 cttagaataa cccacctgcc tagtgccagc ctaccactct tgaacaaac ttgtatgatt 300

<210> 1054
 <211> 271
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (271)
 <223> n = A,T,C or G

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 gaggtgagg ctgcattatc gctttaacct ggggggcgga ggttgcagtg agcctngatg 180
 ggggcaataa nagnaaact ttggctcaaa aannanaaaa taaatanncn atanaatatg 240
 cnaagccctt tntcttcng nnnctctcg g 271

<210> 1055
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1055
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 tgactcaatg tcatgtggtg ccttgatgg gatccaggga cgggaaaagg acacttgga 180
 aaaactggtg aagttcacgc aaagtgtccg ggtagttca gcatcagaag accaatgatg 240
 gtttcttggg tgtgacgaaa atgttccatg gtctgaaagg tgtcaacacc aagggaagct 300

<210> 1056
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 1056

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gccaaagattg	tgccagcctg	ggcgacaggg	tgaggctctt	gtctcaaaaa	aaaagtcac	120
atcttcatga	accctcagac	tctggagttg	gggtgcggct	tttttagcca	gcttttggtc	180
cgtttagtga	gaacctatta	aagaaggaa	gtgggtaatg	gagtcccagc	cactcaagag	240
actggatc	ccccgagaat	ggcttgggtt	accagctatg	gacccttggg	agatgaatct	300

<210> 1057

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1057

tcccgggttc	atggcattct	cctgcctcag	cctccagagc	aactgggaca	acaggcgccc	60
gtcaccacgc	ccagctaatt	ttttgtat	ttagtagaga	cggggtttca	ccgtgttagc	120
caggatggtc	tccatctcct	gaccttgaat	cacaagagtc	ttaacaggga	atgtttcagg	180
aaacaaatag	gataagacaa	tgccagagga	aggatagaaa	catgggaagt	ttctatcatt	240
tcattttctg	cgtttccagc	atgcccttgg	aaaagactcc	ctttagtccc	tttttcaatt	300

<210> 1058

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1058

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gtgagttaga	gttggtcacat	gttctcctgg	ttcttgaatt	tgagcaggt	cctgaaaagg	180
aaggctctgc	tggccccgtg	ccttcctgac	cttctctctc	cttccctccc	ctctcttttc	240
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<210> 1059

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1059

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agaagaaaaa	gaagcaatat	ataaagaacg	ttggccagat	tatgtaaggg	aactgcgaag	120
aaggatattct	gcaagtactg	tagatgttat	agaaatgatg	gaggatgata	aagttgatct	180
gaatttgatt	gttgccctca	tccgatacat	tgttttggaa	gaagaggatg	gtgcgatact	240
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<210> 1060

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1060

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ttctctaatt	gccaacatga	ttctaggaat	tatcattttg	aagaaaagat	acagtatatt	180
caaataatac	tccattgccc	tggtgtctgt	ggggatattt	atttgcactt	ttatgtcagc	240
aaagcagggtg	acttcccagt	ccagcttgag	tgagaatgat	ggattccagg	catttgtgtg	300

<210> 1061
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1061
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 gctgtttcca gttcgaagcc attattaata aagctgcaag gaagaaatat ttttatggat 180
 gtgtgttttt atatctctga taaatatatt caactggaat cattgggtgt attgggccat 240
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<210> 1062
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1062
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 aaattggatc aagaatatag gtgtaggcgt tagccatttt atcctgggag aagggaggaa 120
 atgaaataaa aacaggaata gatagacgtt ttgaggcgaa agaatgaat ccagcatgct 180
 ctgttttagt atgtagatga gatcacctgg gaaggcatga atgggcgggc tgagtggggg 240
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<210> 1063
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1063
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 tgtagccag gatggtctcg atctcctgac cttgaatcac aagagtctta acagggaatg 180
 tttcaggaaa caaataggat aagacaatgc cagaggaagg atagaaacat gggaagtttc 240
 tatcatttca ttttctgctg ttccagcatg cccttggaag agactccctt tagtcccttt 300

<210> 1064
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1064
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 agtatggagt gcctatcgca ctaggaaatc tgagggtcac aaaagaaagg agatgtgagg 180
 ataagaaact ttgtttttcc cttgttgagg actctttagg cctcggtttc tggtagacgc 240
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<210> 1065
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1065
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 ttctgcagat cataccccta gccaggaggc ctcccgcaga cttcagagcc tgctgtcctc 120

accagcgccc	ccacatggcc	ggtctgagag	caagtggaga	gtcacagtca	cagtcacagt	180
gcccacgccc	tccacctggt	cctgacgggt	ccccagggga	caccatataa	ccttagtcac	240
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<210> 1066

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1066

cagagctggg	gcatggcatg	tctcaggaag	ccatgcttgt	cacagaggaa	tcactccgag	60
gctaaaggaa	catctgggca	atcctacttg	tgtactcatt	ggattcattc	agtgccttg	120
ttattatcct	tctagctaaa	tgctctgggt	cttaattcac	gactccaagg	ttgctcttga	180
ttttaaggaa	catttttgca	gaatagagag	aagttgagca	aatattaaca	gatgtccaaa	240
ggggcagtg	gattttattat	gtcaagagaa	tcagttttat	gtcgagggaa	gaatttttgt	300

<210> 1067

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1067

aagaaaccag	tagctagctg	ctattttatat	ggtgaggggg	tgctgcctgg	taacagaata	60
gctccacacc	acagcttgag	atcttgttta	gtttcactgt	gtgagctttc	ataaagtctg	120
ttgccattcc	atctctgtgt	taacacttca	tatttttatg	aaattcagat	aatttgtgag	180
aggctggcat	ggatctaagg	atcttattatt	tttattctag	tccatcagtt	cagtcgcagt	240
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<210> 1068

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1068

aaaacatcag	ggaagctgtt	tgatagcagt	gatgatgacg	aatctgattc	tgaagatgac	60
agtaatatgt	tcaaaaattaa	acctcagttt	gagggcagag	ctggacagaa	ggttagtgaa	120
gactgaaaat	aattagactt	gcagcatgtc	cttatttttt	gacatagtcc	ttaaatctgg	180
gtaaatgcag	gcagacctta	acctacatta	tagcatcggg	gtgtttattt	ggagagttag	240
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<210> 1069

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1069

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ttttgatcat	ggaggtgttt	tcacagagtt	tatccccagt	agtaaatatt	attccaattc	180
tgtgagtcag	aacaacgttt	taacatgcac	accaacgtcc	gggttgctgt	tttgctacca	240
gttttgcttg	gggtgcaggt	atcttttgag	atgggtctaa	aacatctcaa	aaccacatga	300

<210> 1070

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1070

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ccctgaaggc	ttgcccacct	gtcagtatgg	atgtctgtgc	tttaagaata	cagcttttca	120
taggcttgaa	agccatctgt	cacttttaaaa	accacatcat	acttttgact	aaagcagaac	180
ctgaagccat	tccagagaga	agacagtcac	ccaagaggct	tctgtaagca	tccccttgcc	240
ccaggcattc	ctgccagttt	ctggaatgag	ttgtaactgg	tatattttgt	gtttatcttt	300

<210> 1071

<211> 198

<212> DNA

<213> Homo sapiens

<400> 1071

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gaatgttagg	tctgtttttg	ttgtcttctg	cctatgtctc	ttgacttgca	gtttcttttg	120
tttcaaatca	ctctgccctc	gtatatactt	tggtagact	acttttggtg	aagcactctc	180
caatagaaga	acataatg					198

<210> 1072

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1072

gccttttgtg	gggtctcata	cataactcag	tttccacaaa	gctgtgcccc	agctcagccc	60
tatggataga	agcatggctt	ggggttcctt	tgttgaccag	ggtgtgtgct	ttgtccaagt	120
tactgacctt	cccaaacctc	atcaatgcac	ataaaaagag	cacttgcaaa	caatgaatct	180
agacatggac	cttcacaaag	aaataactca	aaatggatcc	caggcctaaa	tgaaaaatga	240
aaaactataa	aactcctaga	agataacata	aaagaagatc	tagatgacct	agggtttggc	300

<210> 1073

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1073

ccagaactgg	agcgtctctca	gtaccccatg	gagtggggca	agacttttct	ggcctttctt	60
tatgcacttt	cctgtttcgt	tctcaccaca	gtgatgatct	cggtcgtcca	cgaacgagta	120
cctcctaagg	aggtgcagcc	tccactaccg	gacacatttt	ttgaccattt	taaccgggtg	180
cagtgggcct	tttctatttg	tgaaattaat	ggcatgatcc	ttgtaggact	ctggttaatt	240
cagtggctgc	tcttaaaata	caacatgccc	agggattgtc	tatttccctc	ctctcaacaa	300

<210> 1074

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1074

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aaagatacca	tctgtgaact	gtgtggggag	tcacatccat	acccgggtgac	ctatcacatg	120
agacaagctc	accaggttg	tggccgatat	gctgggtggac	aagggttacia	tagcattggg	180
catttttgtg	gaggatgggc	tggttaactgt	ggtgatgggtg	gcataggagg	aagcacttgg	240
tatctgggtat	gtgatcgctg	tagagaaaaa	tacctccgcg	aaaaacaggc	tgctgcaagg	300

<210> 1075

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1075

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attgtaactt	tataggctcc	cctattcttt	ttgctttttt	ttccccctga	aattactgag	120
caacaagatt	cctgttctct	ccccttcaag	gctttgtttt	ctggaacttg	acattctcaa	180
atcattgcc	gttattttta	gtacgtgatt	agtctccctt	cctcagggtat	gttttcccca	240
atttgattg	aatctactgt	ttgcatcttg	tttcccatcc	caccttcata	cagattgtat	300

<210> 1076

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1076

tgctaattca	gccctaaacc	ccatcctcta	caacatgaca	ctgtgcagga	atgagtggaa	60
gaaaattttt	tgctgcttct	ggttcccaga	aaagggagcc	attttaacag	acacatctgt	120
caaaagaaat	gacttgctga	ttatttctgg	ctaatttttc	tttatagccg	agtttctcac	180
acctggcgag	ctgtggcatg	cttttaaaca	gagttcattt	ccagtaccct	ccatcagtgc	240
accctgcttt	aagaaaatga	acctatgcaa	atagacatcc	acagcgtcgg	taaattaagg	300

<210> 1077

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1077

taagtgggct	aagaccagaa	gagagactta	ttcgcttaag	tagaaacatg	tgcccttttat	60
taactgcagt	cctgcatttt	atccatggaa	tgacagaccc	tgtattaatg	tctctcagt	120
cctctcatgt	gtcatctttt	cgtagacatt	ttcctgtgct	gtttgtctct	gcttgccctgt	180
ttattcttcc	tgtcttactc	agttatgttc	tttggcatca	ctatgcacta	aatacatggt	240
tgtttgacgt	tacagcattt	tgtgtggaac	tgtgcttaaa	agtaattgtt	tctctcactg	300

<210> 1078

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1078

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aagtcacaag	gtcagggaga	ggagaagaag	cgtgctggat	gagtcacact	gtaggactca	120
agccagtagg	ttcttgtttag	cccggctact	gacctggagc	caggcactga	tagcaacgtg	180
tcctctgagg	gaaggcaaat	gggaaatcca	agcaggcact	gggatctgcc	tgtgacactc	240
ttgtggggcc	tggtccctcg	acctaagtga	gcttggggcca	ctcagagcca	ccccaggtgc	300

<210> 1079

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1079

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agccatatca	ttagtgaccc	tcggcagaaa	gaaaagaata	aagcggttggc	ttctgatttt	120
cctcacattt	ctgcttgtgc	acatgagaca	ggcaaagtga	cactggggac	caccatgttc	180
acgtgacatc	aagaggaagc	ggaaaccagt	ggccacagca	tctttgtcta	gccccagtgc	240

agggtggtaga aggacagccc ccttgccctg agacaacact cggaggcctg tattccagcg 300

<210> 1080

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1080

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aataactatt	catgatattg	ttaataactt	gttataggat	tgtattccca	attacagtct	120
ctaagattgt	aattgatatt	atctgagagg	tagtgtgaca	actttctttt	gttgttacat	180
taagccgaaa	acataatact	aatagacaac	taacagtttg	cttatcaggc	acatcaacta	240
aggcacctcc	ccccatgcta	agtttctcct	ggatataatg	aagttgattg	tttcccagtt	300

<210> 1081

<211> 241

<212> DNA

<213> Homo sapiens

<400> 1081

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cagttgctgc	ttttacgttt	ccacgcgtga	tcttgaccct	gctagcctga	agtgtatggt	120
ttctcttagc	cagttctaat	ttttgttcag	gtggaagatg	gatgcctgaa	gtgtagactg	180
ctgctagctg	aataccatct	gggagcataa	aggtgacctg	aaggtagggt	gatatgtctt	240
a						241

<210> 1082

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1082

aggatgttgc	tgctgtgggc	cgcaagggtc	ttggtagctt	cctctagggc	aggcttgtgt	60
tcctgattgg	ggttgggatg	ggtgggggca	tccctgtggg	cctcagcaat	ccagccctgc	120
gcatctgggt	cccattacac	agacgtagac	attgaggtct	agttagaagg	acttgccagg	180
agtccgttaa	tagagcttgg	cacttggtgc	tcttgactct	cagggactgg	gtgtgaggga	240
agtgggctcc	ttttgctccc	tacctgcagt	gcctttgagg	ggatgagggt	cttccatcag	300

<210> 1083

<211> 240

<212> DNA

<213> Homo sapiens

<400> 1083

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actgcccgcc	ttcacgctgt	cccacctgga	gagccaccgt	gacggccagc	gcagcagcat	120
catggacgtg	cgggtcccggg	tggattctaa	gacctgacc	cgtaacacga	ggatcattgc	180
agaggccctg	actcgagtca	tctacaacct	gacagagaag	gggacactcc	cagacatgcc	240

<210> 1084

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1084

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caggctgcc	aatcctgtgt	atgcctgtac	ccaaatggaa	ggagtgcctt	tcctcaattc	120
ataaaaaaga	caaagacagt	ggtaggatca	gctattatgt	cagtacatga	aaggaacccc	180
ctatctcaat	caaaatggta	aaggaagctt	gtctcaaata	acagcagaga	aactcagttt	240
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<210> 1085
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1085						
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ttcgcgagcg	gctgctgagc	gtgcagcagg	atttcacctc	cgggctgaag	actttaagtg	120
acaagtcaag	agaagcaaaa	gtgaaaagca	aaccaggac	tgttccattt	ttgcaaagt	180
actctgctgg	attagaatta	cttagcaggt	atgaggatac	atgggctgca	cttcacagaa	240
gagccaaaga	ctgtgcaagt	gctggagagc	tggtaggatag	cgagggtggtc	atgctttctg	300

<210> 1086
 <211> 208
 <212> DNA
 <213> Homo sapiens

<400> 1086						
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tccagttata	tgctaccctg	tacagggtga	taggttgcaa	atgctttctg	tccagtgtat	120
cgctttgtag	ctcactaagc	agttttgtat	ccaactttgt	gctttttattt	cagtgttttt	180
ctttttcttt	ctttcttttt	tttttttt				208

<210> 1087
 <211> 205
 <212> DNA
 <213> Homo sapiens

<400> 1087						
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ctaagacgat	aagaatatca	gtttaagttc	tgttacagtt	gttttcatga	agcttgtaag	120
attgatattt	aagtggacaa	agtgggaagt	agtcagtttt	cagggctaca	ggggtcatca	180
ctttgtgctc	agagtacagc	tgga				205

<210> 1088
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1088						
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tcctggagga	ctgagcacct	gtgggaagg	gaggtgggct	gagaggtaga	gggtggatgc	120
ccagggcacc	caaacctccc	ttccctttcg	tgctgaagg	agtgaggagt	gaattaagga	180
agagagcaag	tgagtgtgtg	tccttgagg	ggttgggcgc	cctctgggtg	taccacctcg	240
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<210> 1089
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1089

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tcagaagcca	gaagttcatg	tcattgattac	caggaagttc	aggccagaat	gaatccctag	120
agaagccagg	ccaagcctgg	ataattgcag	ctggatgacc	ctggcccgaa	agtcacagtt	180
cagttgcctt	attcctagtt	caggccttact	atctagaacc	tcattgctagc	ttaggttgca	240
tgtttacatt	gctgcagtgt	ctttactgga	agcttagttg	gacgaaaatg	gacaccgaga	300

<210> 1090

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1090

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agaatgagca	tgatgggaaa	aggagagaaat	tgtatgctgc	agatagaggg	aggaaaggcc	120
aactagggtcc	aacaagtata	aagaggacta	gtctcaaact	attaaatata	tgattttacct	180
agcaaaagct	ttaagtcaca	gctgaattac	actggggaaa	caattacaga	ctttacaatg	240
gaaagaagca	tcttcaatgt	tggtctgcaat	cactgacagc	aggaatactc	acttttgaaa	300

<210> 1091

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1091

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ccgagtcaga	tctttgtcca	gtgttctgaa	gatcaaattgc	cgtgcccttt	tgcaatataa	120
caccagctgc	ttttagtcca	cagcctctga	catgcgattt	gaagacacgt	tttatggagc	180
agacattatc	caaggggaga	gaaagagaca	aagagtgtctg	agctccaggt	ttaagaatga	240
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<210> 1092

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1092

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aatgtttaca	taagaacca	ctattaaccc	ccaagaatct	gtcttgtgag	ggagataaat	120
agttatcata	catgcgataa	gtcccacacc	agcacatgaa	aagattagaa	gaacaagaga	180
aggggaagaaa	cctactgacc	tgtttcaggg	tgggatgctt	cataaagagg	ataacagtta	240
agccactaac	agtaatgcct	ctaattctga	atctgttacc	tactagtttt	gtgtccctgg	300

<210> 1093

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1093

agaaccttta	ttttaacgtt	tcccagttgc	gactatctct	ttggaaatgt	gcataaataa	60
aagccaagtc	ctaacagctg	cagcgggcat	tgattggaac	actgactcct	aaaaatttta	120
tgcgatatatt	ctctcattta	tttccataga	agggtgagggt	aaattactcg	ctgaagtctg	180
cacatttagt	aaatggagat	ctgggatgca	aatccgctat	gctgaccgt	aaagcctagt	240
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<210> 1094

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1094
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 tgggagtgtt tgtccgtggg ccctcaggtg ccgctgtgac ctcttccccc tagaagctga 120
 cacactgagt cctcttagcg ctctcctgtg atggggaagc cgggagagaa tgggccctga 180
 aaatcagaac tagaacatag aatcctctct atcttcttca acagaaccgg caaagctatc 240
 aagaaaatgc atcccacccat attgcacatc tgaaaattgt ctttcttgtt ttctgatagt 300

<210> 1095
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1095
 ggtgctcgga gtgtggtact tctcctagtt gcagtcaggc ttcatacgct attgtcctgc 60
 ccgtaagtcc ccgttttgtg tgtggtgagt ggaaactcca tgttcttcgt tggagacctc 120
 tggctctccc ttccttctct tgtgccgtcg tctctgcggc cagccctaatt ctcttctctg 180
 tggcttctcc gtctctgacc ccaaataaggc ctttaagggcg tgggagaaat gagtttctgg 240
 agctggaaaa gccactgcct tctgcacggg cctgagaagc ccttggctgg tgtaaatgat 300

<210> 1096
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1096
 atttagtgag atttgtattc taggaagtgt gtgccgtcac ttgttcattt acaactgcaa 60
 agattgtatg tctcctatgt tttcctttca tgccaaagaa actcaccctt tttaaaagcc 120
 agcaggttgc acaaaccaaa aacaaaatat tttgcccctt aaataggcat tttagaagt 180
 tttatttctt ggtacttaaa tattgtgtag agggaaagct agttgtaata atttgtaaaa 240
 atgcgtgtat ttttaggaat gcgctatttc cagtaaggga agtattgaca tttttaagga 300

<210> 1097
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1097
 ccagaatga acatgcagcc cccccaagta atcctgtgat ccagggttt caagatagac 60
 ttttgagttt ttcacagtct gtcttaactc agcaagataa cttgggactt cagaaacagt 120
 tggatctaca aagagaagt ctgcattata gccagaaagc ccaggaaaaa ttgcttgtac 180
 agagacaaac agcattgcag cagcagatac agaaacatga agagactttg aaggatttct 240
 ttaaagacag tcagataagt aagccacag ttgaaaatga tttaaaaacc cagaagatgg 300

<210> 1098
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1098
 gtactttgag tgttttggggg ttcaacacac acatgcaatt ttgcttaaca aaagtatttt 60
 ataatacagt ttcatacaga attaccttaa aaggaggtct tatgttttca actacagata 120
 gttgtaaggg atcatacaga agatattgat gatagttgaa atattcttag aagggtgtg 180

tatgtctagc tgtgtctacc atgtgtatgt attcttgaca agcagtataa aatacctgtg 240
 atttttcttt acattagggg taatgcataa ggaattaatc ttcatatata ttatcatccc 300

<210> 1099

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1099

gcaacacaaa ctgaatttcc ttattgctga tagctgcctg tagaggggtg gtcaaagaga 60
 ctctacctgg aaaactctta cagaaaaaca ttattgaata cctcttagt ttcagagttt 120
 ccagtctcat ttctccttaa atctattcac caaaacacca ccagtttccc ctaccacaaa 180
 cacacacata agtacacact caoctatttt caccttctct tccacttcca cctttgtgtt 240
 gaacctgatt aaactctgat acttttaact ccaaaatgat ctatgctctt attaacaact 300

<210> 1100

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1100

gtctcgagtt tgttgttttt tgtaatccgt tttagagtga attaaactca gacatccctg 60
 gattgtatgc tgtctgtaga atgttgattt tcaggcacgg ggatgtagct gtagaatgtg 120
 gcttggtcat tcttcctgat aagaaattga tctcctgaat ggattggcca tttggtaatt 180
 tcttagtgaa aggctgactc ttgaatatgg ctgttataat ataaattctt accaacataa 240
 agtaagggct tatttggggc ttggtaaaac tgtcatgcct tgaagtatat atagcttata 300

<210> 1101

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1101

attgaatttt ctgataattg aagcttatta attgtctaaa attatcttaa gatattctct 60
 gatgtacatc attttaaaat gagttgcaca ctttctatt ctgtttcaac atattcaata 120
 taatcttcgc tcttggtcat ctgttggtat tcattatata attcagacgt ggtctcaggt 180
 ctggagacat gtgaagttat tgctcctaca ctgagtgttt ccatgtcatt atgccttaat 240
 ccttatttag acacagctat gataccctct ttacaacata aaggataagc agaaggatgt 300

<210> 1102

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1102

cacaagaaat gaaattaaaa aataaatcaa gcagccatat gctcaacttc attggaccac 60
 tgcaatcctg gtgacatatt gagggctgaa gaaaccatt gcatatagtc ctctgtcac 120
 tggagatatg tgttgtaaga aagagaaatg gccacgttgc aatagcagtg ggaagcaaat 180
 gcagaaagca cccaggaaag gggaagatct aggtgacaga ggccatctag tcttttggat 240
 tcactctggtt ctggcacaca gagaatggag cttttgtggc aataatttct ctactgatgt 300

<210> 1103

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1103

aggtgttgaa	attacagaag	ggaccatttc	tggcaacaca	gcagaccaga	tatcctataa	60
aagtcttcca	ttacagaaca	cctacacatc	aggagctcaa	aaacagatat	attcttttaa	120
tgtctagcca	acatttttga	aaagtgtggg	aaatccctca	gggccaaaac	cagagggagt	180
tggacaccag	agtgataagc	agacactgaa	ggcaaggcca	acctcagggc	ttgggtcaat	240
attctagaac	tttacccttg	ttctcaagtc	tccgtgtgga	caggggatga	gggttacctg	300

<210> 1104

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1104

cttggccctg	ctctgtttta	agtcacagga	ccataatctt	ctgaatacca	aatctaagac	60
tgccctggtac	accccagagg	tatgcatgtg	cctaggagac	ggttagttac	tctgagttat	120
gaggagctgg	ggtgatgatt	ttaagtattc	ttgttctggg	aatggagggt	atattctcca	180
ttttgtgaaa	ttcttgga	atagggttaca	ttccatttta	agctatcacc	cctcagcatc	240
accaccatac	ttgactaagg	tgggactggt	tgcatagggt	aattttggga	tgggggaaag	300

<210> 1105

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1105

tgggttgact	cgctacatca	gctcagactt	ggctgtgggt	aacccttgt	gaattgttgt	60
ttccacatgt	gtgttgcttc	atTTTTggct	ctccgttgtc	cccatcacct	tccgtctca	120
ccataggggt	tagggatttt	tgctgtgtgt	tcaaatagaa	catgaaagaa	gcctttttaa	180
agtattttctg	tgctatttca	cagtccctta	aattttatta	cagtttttac	gttggtttta	240
agagtatttt	ggtttgattt	atatggaaaa	cttctttttt	aacattatag	taacatagat	300

<210> 1106

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1106

ggctgataga	gtgctagcca	ccaccctctg	tccctccac	agcccagggtg	tcaaagtctt	60
ttctcagctc	ccaagagtcg	aatgaaggaa	gagcctgtct	ccacccttca	gagaggactg	120
aggcctgtcc	ccagcccccac	ccagggtctc	ctgggaagac	cagcccttcc	aactaccaac	180
ccgttccttt	tcccagtcgt	agccacagga	agagcctagc	ggggaatgtc	atgaatcgac	240
ctccatcctg	agctctccag	gcctgggaca	atggaaagtg	gatagggggc	tgtcttccca	300

<210> 1107

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1107

gagccggcgt	ggaccagggg	ctgagctgtg	accacgaggg	ccatcccgac	gagccgccat	60
ggaccagggg	ctgagctgtg	accatgaggg	ctatcccgac	gagctgccgt	ggaccagggg	120
ctgagccgtg	accatgaggg	ccatcccgaa	actgtgattg	ttttctgatg	aagaaaccaa	180
ggctttgtga	ctaactcaac	ccctcaagaa	ggacaaaact	agcatcagag	ccccttgctt	240
ctgggtctgg	caagaatgcc	tcttgtttgc	tgagaggtcc	acagatttac	ccggctcaag	300

<210> 1108

<211> 299
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(299)
 <223> n = A,T,C or G

<400> 1108
 caaagaccct tccccagagg cctaccccc atatgtcctc agagaggctg agtgtcccct 60
 ccaggcagtc atgggcccctg agggcccctc tgcctggccc tgctccccag tggggagggtg 120
 actgcgtttc ccagagtgtg agccgctctc ctccccctaa aaagctgact cactgtgagt 180
 gaccttgggc aagntnccaa ancttnttga gccttagntt ncncatctgg aaaaaatggg 240
 gccanctctt gccannagta cagggctgcc natgccntn tctctncatg cnccatcca 299

<210> 1109
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 1109
 ggcagtgtct cgcggggctc ccagccctgc tgggaaggac cagggaaacca ctcagcaatt 60
 agacctctt ggccttgc ccaccatgca ccagcagcc gggagtgcag cggtcagcct 120
 ggcagtgtgt gaaaccagg ccttcagccc tccaaagcct ggggccaccc cctgtagcag 180
 gcgatgttag aataaggagg agagccagag ctgaggctcc ttgccccttg gcccttcag 240
 gggccatggg atctctgtct cccacacccc tgtcacggnc cgcttganc anccatagg 300

<210> 1110
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1110
 ccaagttccg cggccaccag aagagcaagg ggaactcgta cgacgtagag gtggtgctgc 60
 agcacgtgga cacgggaaac tcttaccttt gtgggtactt gaagattaaa ggccttactg 120
 aggagtatcc aacccttaca accttcttcg aaggagaaat aatcagcaaa aaacaccctt 180
 tcttaactcg caagtgggat gcagatgaag atgttgatcg gaaacactgg ggcaagtttc 240
 tggcttttta tcagtatgca aaatcattta actcagatga ctttgattat gaagagctga 300

<210> 1111
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1111
 attctcttag tgatgggctg gaggaagtc aaaatgcaga catgaaagct tacatggaat 60
 tagtcaacta tatgctgttg actgcagagc tgtatcttca gaggagtgat gaagctacag 120
 taggggagat cactcatgct aggtatggat ctccctaccc ttggcctctg aatcatatct 180
 atggcctatc agaggcagg ggaagtcaaa cgtaagatta aagctatttg atggggaaag 240
 aagactctgg accaagtctt agaggatgta gaccagcgt gtctagctct ctctcagaga 300

<210> 1112
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1112
 gactagcaca tggcaaggctc aggattcaag ctaggtagtc agtatctcag ccaggctgtc 60
 tcctggctcc ctgaacatta tgggtgctgac cacaaacttt cctgtccact tatacaaact 120
 tctagtgtgt gtgtgtgtgatt actagcttca tgaataacctg acccctccac tctgaaggag 180
 gaacaggcct gtctggatca cttctctgtc cctaactgag cccatctcat ttagggaaac 240
 tacagagcac tgttgctttt ttttttagatg gagtctcggt ctgtcgtcca ggctggagtg 300

<210> 1113
 <211> 282
 <212> DNA
 <213> Homo sapiens

<400> 1113
 acctgtttca cctcccaaat ttatatattc aaagtattta cttaaaattc agaagccaga 60
 agttcatgtc atgattacca ggaagtccag gccagaatga atccctagag aagccaggcc 120
 aagcctggat aattgcagct ggatgaccct ggcccgaaatg tcacagttca gttgccttat 180
 tcctagtcca ggcttactat ctagaacctc atgctagctt aggttgcatg tttacattgc 240
 tgcagtagtc tttactggaa gcttagttgg atcgaaatgg ac 282

<210> 1114
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1114
 ttgggtgtgta aataaaactt tagaaagggt ctattgaact ttggacaggc aagctccatg 60
 agctctccct cactctttga ggcagggttaa agggtagcgc catgaccacc accttaatcc 120
 ttcagggact atttacaaaa gattgaaaaa tgtgcccagg gcccgtaact gcccctctgt 180
 ggaactagcc caactcaagt gggctggcag gcaagcctgg ctttcatggg gacagaagag 240
 agagtttgcg gggagcttgg catttttcaa cacatgcttt ttggcttctc ctactgaatt 300

<210> 1115
 <211> 150
 <212> DNA
 <213> Homo sapiens

<400> 1115
 gaagatgagg aagccagcac tggatctcat ctcaagctca tagtagatgc tttctacag 60
 cagttaccca actgtgtcaa ccgagatctg atagacaagg cagcaatgga tttttgcatg 120
 aacatgaaca caaaagcaaa caggaagaag 150

<210> 1116
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1116
 gtaccacatc tagatacgag gtcagagttc agatgcctaa atattgtagc ttgtgttttg 60
 tccactgttg ggggaagagt gaagagattt gacataccat aatgttgatt agcttggtgat 120
 ggtttggcgg cagcttaggc cagagcataa agtaaaaaagg aaaagtgttc acagacaatg 180
 aaaactggga ccaagtgggt aatactcaag gcacacagac caggcaagga tcccagtggc 240

cgtggatgag tctcaggetg gctctgggcc agtggaacac acctcagtgt ggggtgaaggc 300

<210> 1117

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1117

tctagatctc	atcggagatt	tggacgggaa	aggggttgaa	agagttcccc	aaagccccgg	60
ctaggcatcc	agcctcagcc	atgggaccca	tggcctctct	ttagtgaatg	atgcgccaca	120
ccagctgtat	cacccccagg	tgtacctgcc	atccttccat	tgcgcaaata	tggaaactga	180
gcctgggggt	aggggtgagc	ccttttgagc	agcaggtggt	gtctggggcc	tgggacctgt	240
aaacaaatcc	tcattactcc	cagcctgggc	tctgtgcttg	atgttttagta	ctagaagtca	300

<210> 1118

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1118

ctcaccaaga	acacaaataa	acagttgatg	aatccatcac	atcagtgatg	aatccagaat	60
gtgtccatca	ttttcgtaag	tcttagtatg	cagagaatct	cagatagcaa	agcagaaagg	120
atgatgtcac	agacgccttg	ggtacccagc	acctggatgc	agctgtttgt	acacacatac	180
tttctgatat	tatgttgaca	gtgacttaca	ccacttcaac	ctcaggcagg	attctatcag	240
tttctttact	acagattgat	ttgtttcttt	aataattatt	gtaattactg	tcagtaaaaa	300

<210> 1119

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1119

gatagctatc	tgactttctca	actatgtaat	aagcagatgt	tgtaaatacct	atgctgtagt	60
tcattgaatct	atatgacatg	tggggtcggg	aacatagtag	cctaccataa	gtcagggttat	120
tcctactatt	ctgcaacatg	taaataacac	tttgaacaga	gcaagtggta	aagattgctt	180
aatttttgca	tgactatttt	gataaatatg	ttgagaagga	ccagctcaaa	ggaaaacctc	240
ttggtaactt	ggcataagtt	aaatgtttcc	caagaaagtg	cactcttccc	aaataaagct	300

<210> 1120

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1120

tggaaaatat	aaaaagtgac	actttaggca	aatgtgatgg	cctccgagct	gaaatgaagg	60
aactggcaat	ctttccaaag	tggcagccaa	ggccccactc	cctgtcctac	tcaatctctg	120
caggggaaaa	ctgtgggata	ggatagcagc	cagctgggga	cacacagagg	aacattcaac	180
aggaaggtcc	cgcctaggga	aaaggccaca	gagcccaggc	ctcttgccga	ttcagggtac	240
cttggatata	agtggattag	aggagaggga	ggaaagctat	catttcagtg	gtctccaaat	300

<210> 1121

<211> 290

<212> DNA

<213> Homo sapiens

<400> 1121

gcaagactga	gggaggaggg	aggtttgagc	agctgtaatg	ggtgagggaa	gagagtgggt	60
gggagaaagg	agatttgaga	agcatcgcta	tgatccatga	atctttgtag	tcaagtttaa	120
gaaattcaag	taaacagagt	tattgtgaaa	ttattatfff	ttggttgcta	ttctctctct	180
cctctccac	tctgtctctt	tttttttctt	tgagatggga	tcttgctctg	tcgcctaggc	240
tggagtgcg	cagtgggtgag	atcatagctc	actgcagcca	atfttttttt		290

<210> 1122

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1122

agggagggag	ggggcaggac	agtgtggaat	ctctaggggtg	tatgggtagg	tagggggcac	60
agttagttct	aagtgggctt	ttatgctaaa	agcctctggg	gatatctgtt	ttgaaaataa	120
agataggtgt	cccctccttg	ctgtcatcta	gccagacac	tctgcttgct	ctctggctgt	180
ctgctccctg	ggaaggcttt	aggaggacca	cccaggacag	gatgaccatg	ctgccatctg	240
ctctggagct	gggtctcagt	gcagagggac	agtgactgtg	gatggttgca	gtctctgggtg	300

<210> 1123

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 1123

cctccaccaa	ccccccagtc	gtctgggatg	gacaaccatt	tggaggagct	gagcctgccg	60
gtgcctacat	cagacaggac	cacatctagg	acctcctcct	cctcctcctc	cgactcctcc	120
accaacctgc	atagcccaaa	tccaagtgat	gatggagcag	atagccctt	ggcacagtgc	180
gatgaagagg	aggaaagggg	tgatggagng	gcagagcctg	gagcctgcag	ctagcagtgg	240
gcccctgcct	acagactgac	cacgctggct	attctccaca	tgagaccaca	ggcccagcca	300

<210> 1124

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1124

gggtgacttc	ctgtgacctc	caaaggaagt	ctcagctctg	ctagaatggg	accaaagccc	60
agctccacct	tgaacttggt	tcatagcctt	gcttcttggt	ccctctcctt	agccgggcag	120
atgccttgct	ctttgataaa	ggcttcctgt	cacctcctga	gggctcttgt	gctttttgca	180
gggtggatgcc	attaccttta	ccgctgtgcc	tcccgcgaatt	gctctgttca	cacgctgtcc	240
gccatctgcc	tgcaagggcc	caggcagggt	cttactcatc	attatgtcat	tgcttcaata	300

<210> 1125

<211> 287

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (287)

<223> n = A,T,C or G

<400> 1125

ggacagtggg	cctggccccgt	ggagctgcca	cgcaggtgcc	tgagggccag	gtgccacgca	60
ggtgtctgag	gaccaggtgc	cacgcaggtg	gtgggggtac	agacaagatg	ctgggatgtc	120
ccctgcccc	tggtcaaggg	tgttctgcct	gcctntttcc	annctgann	nacntacatg	180
gaatccctan	antntttnat	ttttnttgn	nanantgngg	ngttttat	ttttntnta	240
nnngntntnt	taatgntntn	nantattatc	ntntatnnet	tttttt		287

<210> 1126

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1126

ccctgccttg	ggtctggccg	gcggaagctc	tgtccaaggt	ccacacacct	ccagggtttac	60
gccaacatcc	ttgtgccctc	cccaccttct	cttccaacgc	attaggtgca	ttgtttaatt	120
gaaatccaac	caacaattgt	gtgtcaaggc	tggtttggtg	cagtggctgg	gcaaattaat	180
tttggggccag	gatgggggtg	ggttgcagtg	agggtaggga	aaatgtcagg	agtaggaagg	240
ttcggggggt	aagggaaggg	aaggaagacc	agaactggcc	atcctctttt	ataatccatt	300

<210> 1127

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1127

tataggcatg	agccattgca	cccagcccag	gtttttaata	agatgaaaaa	aatgctgtta	60
taaaaagtga	aaagaggcca	ggtgtggtgg	ctcctgcctg	tggtcccagc	tactccggag	120
gctgaggcag	gaggatcatt	tgagcccagg	ctgcagtgca	tgggcacgat	cacggctttc	180
tgacagcctg	acttctctgg	cggcagacgg	agaccctgtt	ttttaaagaa	aagaacagag	240
tacaaaattg	tatatgctat	ataatcacaa	ctataataaa	tgatctgtag	ataaaatgag	300

<210> 1128

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1128

tgtggcccca	agagtgggag	gagtgggctg	tcagtaggcc	accaataaat	atctgtgttt	60
tggctgaccc	ccatatgcta	ggatactgga	gatgaggaac	tggagaaggt	gcttaaagag	120
cacatctgtc	tggtagagga	cacagagctg	tccttcaagc	atgtgaacga	tgttctcatt	180
tccctggaat	cttctcctct	ccaggctcac	atctctagct	ccttcaatga	ttcctcttgc	240
gacatcattt	tagttctctt	ccccaaccta	gtctttttgc	ttttaatgaa	tgatcactga	300

<210> 1129

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1129

catccctgac	agttggataa	taggttccag	gaagttcagt	ggaaaattaa	aacaaagcaa	60
catttatagc	tgattgaact	tgaaaagcca	ttttgggtgt	gaatggcaaa	tatgtggact	120
tcagcattcc	tggagcctga	tgcatcccg	tggatggccc	tgttcctgtg	tacatgatgg	180
cctggggact	cagcagtgtg	cagggctact	tccttttagag	ggtgctttga	ggaaagaagt	240
ttgctgccac	ttacagaagt	ccccttccca	tacagtgata	taacacaagt	accccatgtc	300

<210> 1130

<211> 250
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(250)
 <223> n = A,T,C or G

<400> 1130
 gagatgctga aggaaattat agccagagga aatttttagac tgcagaatat aattggcaga 60
 aaaatgggcc tagaatgtgt agatattctc agcgatctct ttcgaagggg actcatacat 120
 gtcttagcaa ctattttagn ccatctcngt gacatggnc taaattcacnc gtgtntaaag 180
 tgannacntc ttggaanatg gatnctanan gannatangg cngcttttcta ctntnnnant 240
 nttnnngcta 250

<210> 1131
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1131
 attttcttcc ttatgaccac ttacagtgga tattttattgt acttgaccct tttatgccct 60
 agaatgctgt gagggttacc atgttgaatt tgtgcagaag ctaaaagcac cagatgtgcc 120
 agagatgcaa tttgtgatta tgtttgact ggattgtgat ttgaacagga cacttataac 180
 taatgagttc tttcttttga ggtggggaga gggttgtaaa tcaagacttc ataccctatc 240
 cttgtagctc ggaaattgag gtgtagctta ggctgatgcg gagagctgca gacagctgga 300

<210> 1132
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1132
 gttggagaaa tccaaagctg accaaaacat ggtccccacc ttttggagct tacagtctgt 60
 tctggggaac agagattcag ccaaagtcaa gaaacactgg atgccagcta gattatctgt 120
 tctgtgcttt ggtgtctata agtacatat tggatatggg ttcattttat ccctaaactt 180
 agtaccaaac cagcatttaa tatctaatta taaatctaata ttggcctaaa ctttattatt 240
 gcacactgcc tgaacaaaaac ctatttgtct ctatgtaaat tttttcctca tggaacaagg 300

<210> 1133
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1133
 ctccagcctg gggcgacaga gcaagactct gtctcaaata gataaataaa taaaaataca 60
 aaaaaaagaa actcaaggta cagtgggtggg agtcaaaaaa gcataaggag aaaaccaaga 120
 ctgaaaactg ttattgagct tagtctgtgc ctagttcagt ccctagcatt ttacaagttt 180
 tctctgagtt aacaaacttg tgggggaaac tgaggctttc agatgttgaa taacttgtgt 240
 aagttgtaga gcaggttctt ttccatagtt ccgcattttt tacctgcaat acagcaatgc 300

<210> 1134
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1134

gtgctgtctt	gcgcttgccg	gtggcctccc	aaacccctag	ggatacctgg	ggccagctgg	60
ggcagtctct	gtctcgacct	ccttttccat	ttctggctag	tttaccgac	tgtttcatcc	120
ttaggccagc	tgatgacctt	ggccctctcc	ccccgagac	cctgcagctt	ccaacagtga	180
ggccctccag	cagtgaggct	gctgattttc	atggcctggc	tggagctggg	ggcccaggcc	240
aggagcagcc	ccaggcaaaa	atcacctccc	gctgctcttc	cctgccactc	agtacttttt	300

<210> 1135

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1135

gtaaaacatg	taatttggac	atgcaagaca	atgctgctgc	caactaacat	tgcattgatt	60
cattaagatg	ttatttttga	ggtgttcctg	gtctttcact	gacaattcca	acattcttta	120
cttacagtgg	accaatggat	aagtctatgc	atctataata	aactataaaa	aatgggagta	180
cccatgggta	ggatatagct	atgcctttat	ggttaagatt	agaatatatg	atccataaaa	240
atttaaagtg	agaggcatgg	ttagtgtgtg	atacaataaa	aagtaattgt	ttggtagttg	300

<210> 1136

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1136

gtctcgcttt	gtgacgtagc	ctggctcttga	gcgacccctt	tgccttggcc	ttgccaaaagt	60
gctgggattg	gaggcatgag	ccactgcacc	cacccctggt	ttttatttaa	gtaaaccatt	120
ataataactc	atttataaaa	aggttacttc	aagaggggct	tcaacttaag	aattattttc	180
atthttgaaca	tgaaaagtta	aatagtaact	aagaaactga	gaactctgac	agtgcacctc	240
aataggtaac	tttaggcaaa	agtagacaag	tttgtgggta	ttttgttggt	catgttaaaa	300

<210> 1137

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1137

gtttatgaag	aagctgtttc	gtgtgtacag	ttgctgctgt	aatttagcca	gcagtgcctt	60
gccttgccct	gcagtgtctg	cacagctccc	actgcttctc	tttgtgtgtg	ggcacgtgag	120
gcatgacttg	gagggggggc	tggtgcctgg	ggacctgctg	aagagaatgc	tcaccaccag	180
ctctctgttt	ccctttctgc	tttggttaac	aacacgtggt	tgcctgcagt	ggccggggacc	240
gtgactgttt	ctgccttgtg	gcctagttaa	gagccttcaa	aagcataatg	aacacttttg	300

<210> 1138

<211> 297

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (297)

<223> n = A,T,C or G

<400> 1138

ctgagatcgg	ccactgcact	ccagcctggg	tgacagagtg	agactccgtg	tcaaaaaaaaa	60
aagtcnnaaa	ctgtttgnct	tnattnaggc	agnaaatatt	nnanttcggn	atgacctgnc	120

atgnanccag	taaggccttt	acaaatnaca	tcnaaacia	atacanntca	natgancaaa	180
ntanggccca	aatgaaatga	cntctnnntc	tntgctatgg	cngaaactna	tnangacnta	240
tggaatcana	gatagctaaa	gttcattatt	taaagctnta	ctcccatgag	nattatg	297

<210> 1139
 <211> 289
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (289)
 <223> n = A,T,C or G

<400> 1139						
atccagtagg	tcttggggaa	catgggaatc	tgcatttttt	tttttttnac	ngcnttgctg	60
ttcatcatca	agnanttcag	gncnctaggg	gnaaaaaact	tntttnaaaa	tgagggagng	120
nttngcanen	tnngtnattt	cnttttnaat	ngaatnngtt	nttntnaaat	nccaggacca	180
agnnccaaag	tcancagtaa	aattcanctg	ngtncntttt	naacgacctg	naaaataagt	240
ttatgaccnc	tntnccgath	caaatngtnc	aaaacccaaa	nggccatat		289

<210> 1140
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1140						
gtatagcgcc	tcatatgaac	atgaattcat	atgtattatt	tcattttatct	tcacaaccat	60
ccagagatga	ggagatgaaa	actctaagac	ctcccagctt	ccaaatagca	gagccagtcc	120
tcaaatttat	tgcctagccc	aaattctgtg	cttcttcacc	caggccacat	tgcttccaca	180
tagtttccct	tcagttgtaa	gtagtagaaa	agtaggactc	cagaatcagt	atccttacat	240
aaacagctca	gtacatgaga	ggcagttgtg	agactggaaa	atggatggga	ctagactgtg	300

<210> 1141
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1141						
attatttaaa	agtcttattg	aaactgaatt	caaagggaat	gtactatgct	cccaggaaaa	60
agacataatt	gagagcctct	tcctcttggt	ttttcactta	tcatgagttc	tggtctttcc	120
ttagcactgc	tggttctggt	tatccccag	gcttctcagc	tcagctgagg	gtgtgagcca	180
tcgtatgttg	gggactagct	accagctaaa	ggccacgttc	tctgtgctgt	ctagtacatg	240
agcaacagag	ggaagaagtt	gtgtaattgt	aagaacttgt	cacctttcat	ctcttttagt	300

<210> 1142
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1142						
ctgatctcca	gaccataag	ggagatgctg	agtagacaac	tggggcttat	gggtctggag	60
ttcagaggag	agatcgggaa	ggtgtccatt	tggagtcac	cacgcagaga	tgtgtgaagg	120
ctgctcaatg	attttgaggt	ttaaagaaaa	aaagagatgt	gaaaccaggg	gccctgatga	180
ggctgccag	gtggtaagga	agacagaaga	gaagccatgg	gacagctgag	cccgggcacc	240
ctcaagcctt	ggaggcatga	agtttggtgg	ggatctggca	aagaacacct	gggagcagcc	300

<210> 1143
 <211> 189
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(189)
 <223> n = A,T,C or G

<400> 1143
 gaaacagaca aatctgtaat aacggcctaa ttctgtgtct gtgataagtt tcattactgc 60
 ccaataataa aaaatgtgta ataattatct aagccaattt gttcatttcc aacaatttct 120
 tttttttttt tcccnanacc cnnantttta aaaccttggg tnaanggttg aaaangggga 180
 nngggtccg 189

<210> 1144
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1144
 agcagctgca tctagggggc cttgggtgaga ttacactca gagcctgggc gccccccgtt 60
 agcccagatt caaaagggtga acatctgttt gcagaatctg attcatgaga aggtgagttt 120
 attgttttca gtttagactt ttgggaagtt ggactagaga ggggagttgt tggggtcagt 180
 gctggcttaa cagaaaacac agcgaatttc ccctccagtt ctccccaagt ccactgaaca 240
 aggctagttc ctgcaccacc caggattcaa aggaaagacg aaggggagcag aacttgtggc 300

<210> 1145
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1145
 gaatattaag ggtattcatg agaggcaagt gatagggttac tagggatgga ttgtgtggga 60
 gaaataatgc agaggaaatg atgatcatct ccattgaatg acagctgtta tatagcaaag 120
 ataaatgtaa aattagtctt attcttggaa gtggaagaca gcagttatca gagaggagaa 180
 tttaatcaaa agaatcagaa tagcatgggc acaggccaga ttcacattga agtatttact 240
 ctatatttta ctgctgttac attcaaaatg tatcagaagt ctcatgggtc aattaataga 300

<210> 1146
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1146
 gaacaaatca cttaaggaga aagtagaaaa aaagctgtat tttacaaaag aggtatttcta 60
 atcggaaga caatgaccaa ccattacgac caaccattat gagaatatag cttaggggacg 120
 tttgtgtcga gtcctctttt taccctaatgt caatgcctgc ctcatgttat ttcttctgtg 180
 aggagagttt tgtggatgcc atctttccgt tacggaaaac cagtggagga atgggcagtt 240
 tcttgccatg acccaccatc atttaaacaa ttgggtgtttg agttcagaaa taagtcata 300

<210> 1147
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1147

cctgcctcag	cttttcaagt	agctaggact	acagggtatac	tctaccacat	gtaggctaga	60
ttattttctg	tagagaagag	gtcttggtaa	gttgccctagg	ctggctctcaa	actcctggcc	120
tcaagtgatc	ctcctgcctt	ggccacccaa	agtgcctggga	ttttagggtgt	gagctacagt	180
gcttggcctg	cataatttta	taacttatat	attcaccatt	ttacacattc	agagaaagga	240
gttgtaacaa	gacactttat	aatatagact	aagtcatttt	attgacagtg	tcatgaaagc	300

<210> 1148

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1148

ctttgggata	tttagatgaa	tggtatcata	cagatgtgta	ttattgctaa	ttctttgttc	60
tcaatcaatt	gttttcaagg	acactaaaaat	ccatgtagcc	cctaaaaaag	ataaataagg	120
gcaagtcact	tttcttcttc	cagtcacaga	ctaaagaaat	tatttcagat	aatatatagc	180
ccttcagcca	tgggagcagg	aagtgtttac	tgctcaagtc	agggctctcag	ttggtaaaat	240
aaacggaaac	ttctgggtta	gttttagggc	cttctttcaa	ataaaaactt	cattttctct	300

<210> 1149

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1149

gagaggaaga	agcagctgac	ataaacatgc	taagagggaa	acgtctaaaa	tgtaaatgaa	60
tttatgaaga	ttaaatttgg	gaaatcatga	gaatttagaa	tttctcgaaa	cttcaaacat	120
gaggtacctc	agcactttct	taccagcctt	ttaacatggg	cctccactgg	gtgcatgtga	180
gaaagactgg	gatcagagaa	aagaacctga	caagctccac	cccctgtgtc	ngaggtgcag	240
gaatgcaaat	gagactacag	tattcaaatg	gtgctgctgg	agaacagaca	tgaaatccag	300

<210> 1150

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1150

agagggttgg	tgaaaattca	gacagaatgt	aacttgacaa	agagaagaca	gcaacaactg	60
taacaattat	cttatgaata	tttgcgaaac	tcaaagggat	ctgattgggtg	acctctgggc	120
tttatcaaat	taacatcaca	acttctagaa	gaaagtcaac	cttcatcttt	tacaatagaa	180
atcatatgtt	ttgctaacc	attcctat	aggctgaaaa	caattaagag	ttatgggtac	240
ttaaaaaat	cattatgttt	ataaaattag	tgatagaagg	agcatagtgt	tcatacagtc	300

<210> 1151

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1151

ggttactccc	aggtgaccag	gtggcctgta	ggaaaccaag	ggctgctata	tgaccggagc	60
tggatgggtg	tgaatcacia	tggtgtttgc	ctgagtcaga	agcaggaacc	ccggctctgc	120

ctgatccagc	ccttcacgca	cttgccggcaa	aggatcatgg	tcatacaaagc	caaagggatg	180
gagcctatag	aggtgcctct	tgaggaaaat	agtgaacgga	ctcagattcg	ccaaagcagg	240
gtctgtgctg	acagagtaag	tacttatgat	tgtggagaaa	aaatttcaag	ctgggtgtca	300

<210> 1152
 <211> 104
 <212> DNA
 <213> Homo sapiens

<400> 1152						
agtgcatcca	tgcgttttca	cttggttctta	ggctacttca	tccaataata	tatttgagta	60
gttctgaaca	ggaacacaag	taaggagaa	tttttttttt	tttt		104

<210> 1153
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1153						
aaaaaaaggc	ggtgggggga	aattatctcc	acaaaacaaa	aagtccgaca	ataagcaata	60
agctgtccag	ggctgataca	gggcatgatg	aggatcatcac	agatccagg	tctttctgtc	120
ttctgctctg	cattcgtagc	ctgtggcctt	gtcattccct	catctggaaa	tggcggtgc	180
agccccaggc	acaatggccc	gttgaggaag	aagggggacg	atgtgcagt	tcagggtatt	240
ttatcaggaa	agttcaaagc	ttctcagaaa	tcttctgttg	gaattctacc	tgggtgtcat	300

<210> 1154
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1154						
gacaaaagaa	aagtatcatg	tagatttcaa	ctggagacag	tgactttaat	cttctaagtt	60
cagagacaaa	tttactgca	cttccttcag	tgtttctgaa	gcgtgagcat	atttgctaaa	120
cagttgccta	tctcatcatt	gtgttaggct	cctcatattt	tccttaggga	aatgctatgg	180
agagttcagg	tcagaatatt	gtgttgtaaa	tgttgccaca	gtaaatgcaa	ccccggcctt	240
tactgttggt	tcattctcaga	tgaatatgtt	tctaaagtca	tgataaacca	acctcatgca	300

<210> 1155
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1155						
cccagctccg	gggcatcagc	ctgagtgcgc	ttgagctgct	ccaaacctgg	cccttcccca	60
ctcctctagc	atcgccaccc	gcattggccct	ggaactcccg	cggcggcggg	ggcgggcccg	120
tgccctgctgt	gccccgactt	cccacaccag	ccgcgcccac	cgcagggtggg	actcagggttc	180
gccctctggg	ccaggtcctt	cacgaggagg	gagctaccct	tcgccagaag	tttgtgagaa	240
tgtggccgcc	cttttctgc	cctctgcccc	atgtgggtgg	ggggcctcgt	ggccccggcg	300

<210> 1156
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1156						
aagaggaagg	taagtagata	aataggaag	taaaccagg	ttctaattca	tgggtgaatc	60

cgatagaata	ggtatcagat	tagggattac	aaaatgtatc	atgggtacta	aatatcagta	120
caaagcagcc	acaataatat	tgatttatgg	atttaagtaa	cccgaccaa	ccttgatgta	180
tctcatcatg	ttgaatttct	gctccagata	ataaagtatt	gttcgatcct	gtgcattggc	240
cttttatttt	tcagaatgat	tcaaaggatg	gctttgggga	ttcactgtaa	gattttttgt	300

<210> 1157
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1157						
gtaccataag	aaactttttc	tgaaaagtgt	attagcaaaa	agaggactct	tcagctttct	60
acttggtccg	gaactttgat	gttctcctga	aacctccatg	tgtgtcaaga	ttgggaaatg	120
ggagaatcaa	gaatcagtag	gtgttaggcc	accgggattg	cctgtatcaa	aggaggagca	180
caaaaccaag	ctgtttctca	tcaaaagtag	atccaaaaca	acgttttcac	aaaagtccaa	240
agaaaagtat	cattttttcag	gttttgcgaa	gaggaaattg	tggcgaacag	aaaattggag	300

<210> 1158
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1158						
ttcattttta	aaaagcttct	ccttattatg	ttgttgttta	acaacttaaa	cgctatctct	60
agaccaggaa	taattatttg	ctatatatta	cagcaaaaaa	tatgtatgta	taaatggact	120
cattcaaaat	atataaagaa	ctcctattac	aaagaaattg	acaaacagcc	cagtatatca	180
atgaatataa	aaatttgaga	agatattttc	cataagaaga	tatctaaatg	aacattaggc	240
atgagaaaac	caaattttag	gatatcacta	cacacctggc	atagtttaaa	agactgaaaa	300

<210> 1159
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1159						
acaaagcata	tgtaccaaca	atgcatgttt	atattctgtg	ccatgccagg	ggcaaattca	60
tagttggcct	gtttccataa	gtgtggggat	ggaaccttga	aacacaggac	atctcataat	120
gctgtaagca	gggaccattg	aaattgattc	ctagagtctt	gttctacaac	ttctttaaaa	180
attactgatt	tgacagcagt	atgtattcaa	catttaagac	tttctgtcta	attttgagca	240
tacattcttg	actaaggcta	gcaattagag	attctttctt	taatttatca	gatatctatt	300

<210> 1160
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1160						
ctctttttct	gcttagtgat	ggcatccatt	ttaaggaaca	aacctggaaa	tgctgagcga	60
agaacacata	cccttcattt	ccaaagggtc	atttcccact	cttacttttag	attgacaatg	120
agttgtagtt	caaaggctgc	cctgcaggga	agctcatata	ccctataatt	taaagggcct	180
cagacgactc	ttgggaaact	tggtaaaaca	ttctatttag	agacatgcct	gctgatatga	240
catatatttt	tatagttata	cccctttatt	gctgggacat	aaaacctgtt	ttcactcaaa	300

<210> 1161
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 1161

gttgtaggcc	tccttcatct	gttcattggc	tgtggcatta	ggccagctac	tctttgcact	60
tctgtaaagt	gagacggtcg	atcttgtctg	cctctctaga	ggatggctgc	aggtgtcaaa	120
tgggtagtt	aggtgggagg	gcatttcaca	aagttaaaaa	atatgacttt	ggaggcttgt	180
tatattgatg	aggattataa	tccctgagaa	ttcctggtat	gaaaaaggga	aaagaagata	240
atttgtgaaa	gaaataagtg	tccagttact	agtctttgaa	aagggtcagt	ctgtagctct	300

<210> 1162

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1162

cgttcctcaa	aggggccctg	gttgtcacct	tctcccacag	ccatttccac	ccatcgttgt	60
ctagaatctc	tttcattagc	acattccaac	ccctctgcca	cttggttttag	aaatgagctc	120
cctggctcag	tgggcctttc	agaatctgga	accagacgga	ggtggagtta	agaagatagg	180
acagaacagg	caggcccagg	tgctatggtt	ccactgggga	gagaccattt	aattctccag	240
atgctttact	ccctgattgt	cttttagcca	ttattctttt	cgttttaaga	gacatggtct	300

<210> 1163

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1163

atttgattta	aaaaaggaga	aatgttcaca	ctcagtctag	accacttagg	tatgcagagt	60
tgcacacctg	aagcaattgc	tcacactttc	cttaatatat	tccctctcca	cctttgcaaa	120
accttgattg	gcatggagcc	tcgactgctt	gcattgtata	cacatgtaat	aagaaagcat	180
taaattctct	ggaaattagg	aattgacaag	ataaatagat	aaggcataaa	gccaatTTTT	240
cacacatgtc	cttaggctct	tgtaaagtgt	tgcttggtgc	tgctttgact	tcccagggtcc	300

<210> 1164

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1164

aacaactccc	tacgtcctgt	gtggggccct	gccaagtgg	atgaggcatt	ccttgaggag	60
tatcattttc	cctgacaatc	cccacacct	ttaggggttc	cctgcttggc	tcctttccag	120
ctgaaaaact	agacctgtgc	cattggggaa	gctggacaaa	gtctaggggg	ccgcctggt	180
agaggggtcc	gggaagctgg	atctgtcagc	ctcgccctg	aggccctgt	taactcaaga	240
ctgtgagctg	cctctaggtg	gtcacgtctg	ggagctagct	tgtatggctt	ctgaccagta	300

<210> 1165

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1165

gctgtttgtg	caaatacctt	gaaaactttg	aaacttgacc	ccggacaggc	ctggtgccag	60
gtcctttccg	acttttgtgt	tttctttcca	cctttcacta	ctgactttgc	ctctttccta	120
ccaggaatgg	acagggccga	tggaggtgaa	goggacagca	gctgcactgc	cctgtagaga	180
ttcccaggcc	ctgcccactt	caaagcacac	aagcccacct	tttctctatc	acatttcctt	240
ttgcaacca	gggaggcact	caccaggatg	ctgccaagaa	ggaaacattt	tattaacatg	300

<210> 1166
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1166
 ataggataac aggaaaacca gggctgtagc cacagcctcc atattttcct aaaaatttta 60
 gagtgtccct gctacttgac aaattgaaat actaagattt atacatttcc atggaaaaag 120
 caacagtggg aaagagaggg cttcccagat ttgtcttata gatctcatcc ttcagagact 180
 agccttctgt tagaaatgct gtctccaagc acaagacaga ataatcatat aataccaata 240
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<210> 1167
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1167
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 cagaggagat gatgtggtat ttctatcact aaaaggagtt caagaccagc ttgagtaaca 120
 tgggtgaaacc ctgtctccac taaaaataca aaatttagcc aggcatgatg gcgcatgcct 180
 gtaatcccag ctactcggga ggccgaggca ggagaatcat ttcaaccag gaggtggagg 240
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<210> 1168
 <211> 290
 <212> DNA
 <213> Homo sapiens

<400> 1168
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 agggtaaaga atatgaacaa ctttactga atttccatat cttatataat aggaatgaat 120
 ttaacatgga cacaagtccc agtgatataa ggaataggca agagtagtaa ttcttcacat 180
 cttataaagt gtaagaactc acctttggga gaaaaatctg gttctaaggc atgtggtaaa 240
 gcctttgttt cttccactat tggttatttt tctttttttt ttttgaaaca 290

<210> 1169
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1169
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 ggacttatct gctccccctg gctacaccct cactgagaac gtggcccgga tcctcaacaa 180
 gaagctgctg gaacatgcct taaaggagga gaggaggcag gctgcccacg ggcccccgga 240
 tctccacagt gacagccact cgctggggga cacagccgag ccaggggcca tggagggaact 300

<210> 1170
 <211> 273
 <212> DNA
 <213> Homo sapiens

<220>
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 <222> (1)...(273)

<223> n = A,T,C or G

<400> 1170

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ggccttgagc	cacagtcctt	ctttccctcc	tccccctett	ccccctgagg	gctccccggg	180
ctgtccattt	gttactgtgc	tgtgctgggg	attggcgccg	aggtggcggt	agattccgct	240
tgtgtagacc	ttgtgantat	gaagggttcc	caa			273

<210> 1171

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1171

gttcactgag	gacagcacca	cctcgggcct	cactgaagaa	tctacagcct	tccccggcag	60
cccagcctcc	acccaaacag	ggttacctgc	cacactcaca	accgcagacc	tgggtgagga	120
atcaactacc	tttcccagca	gctcaggctc	aactggaaca	aaactctcac	ctgcccgcct	180
caccacctct	ggcctcggtg	gagaatccac	accctcacgc	ctcagtccaa	gctcaaccga	240
aacaacaact	ttaccgggca	gtcccacaac	accaagcctc	agtgagaaat	caaccacctt	300

<210> 1172

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1172

gctgggtttt	ctccttaagt	gacaggccag	gaaattttat	tagtccctta	tgagtgtaaa	60
ttagtactta	atccttttagt	cttaataggc	agtgatggga	tattacctga	gagaaacttt	120
ccaaaatgag	agtgtctctgc	catttcgttc	attttgtgtg	tggttcacat	tgccccaaa	180
gttcctgcat	ccactctatc	aggaggcaga	aaggggagcat	ctgagacctt	atactgcctg	240
catgcagaag	tggtcctgct	gggtttgttt	ctgtagtgat	gacactttga	atgttttttc	300

<210> 1173

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1173

cccaggctgg	tctcaaactc	ctgggcttaa	gcagtcttcc	caccttggcc	tcccaaagtg	60
ctaggattac	agacatgagc	tggtgcgcct	ggcctgaaca	tattatcttc	ttttgctttt	120
cttctctact	ctccaacctt	ccctctgtcc	tggtgggctg	ggaggcagga	cattgggtgt	180
ttaatcatgg	actctgaaga	gtcactgcta	gctgagtttg	aatcccagca	ccctaattac	240
ataggtgccc	ttgggcaaga	tattttactt	ctctgagcct	cagctttctt	acctataaag	300

<210> 1174

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1174

atgcagtgtg	actggcagga	ggggagtgag	aactacttgg	gtagatgatc	aggagatact	60
ctgcaagagg	aaacatacag	aaggagcctg	acatgagaaa	actggggcag	cagttttcca	120
ggaagaggga	ccagcacagg	tccaagttag	aactcagaat	ggaattttag	gaaattatat	180
tcttcatgat	ggtttagatc	tgtgggctat	catcactgca	gttcaacaat	gtgggtgccta	240
gtaggaagag	ttctcccagg	aaccctccac	gtgtgctatg	ggattttctga	gaaaaccagt	300

<210> 1175
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1175
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 gcatggggcca tgagcgggca ctcccaatac agcttaccgt acaggctttg gacatgccgg 180
 aggaggggtga ggaacctggg gtaagccaca ggggtgtgga ggggctgtcc ccgcgtccgc 240
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<210> 1176
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1176
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 gctatcattt ttcatttttcg tttttgcagt tgaacatact tttttcactc agagagttgg 120
 agggacttgc ccaagactgc ccaatggcaa tgagatttca acctcaaate aatgtttctt 180
 ttaatgcaag atgataaaga gtaggattta gcctaattta ggatagaata aagccaaata 240
 atttaggata ggttcttttg tgttcattgg tgtaattctaa tgcccatgat gcaagtggca 300

<210> 1177
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1177
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 taattaggct tcagggaaat tgtgaataaa aacataaatc ttgcaatagg gtaggggaaa 120
 gaaaataatc cactcctga agtgatgaaa tgaagagtgg cttagagagga gaaaagaacc 180
 aggacaggtg atatattagc aactgtcagt gtgaataatc cagggtatga catttctaata 240
 ttagcctcac atttaaggtc atttctgatt caacctcaaa tgatccttct agcctactgc 300

<210> 1178
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1178
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 ttcagataaa aaccagccac caggcatatg gagataacag ggctgaactt aggagaaaag 120
 cctgggttga aacagagatt cggatatact cagtatgaag gtgatagttg aaactgggga 180
 ctggatgacc gaaagagatc acccagaaca ccagtacaga gaggagagag ctgaggatgg 240
 aatTTTggga cataggtgct tctacagcac atggcaccaa cctctaataa tcacaccact 300

<210> 1179
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1179
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 accactggca ctcaacgcc atcatcacgg gcaggacagt tetacatcat ctccctccgg 120

cctgaggcctt	cccaggcagt	gtgggaaggg	gggctgcac	tcctggctgg	ggttcacacc	180
taagtttcct	gaggtccaag	ctgacctgga	aagtttctag	tgagtggcac	atcctgtccc	240
aacaagggga	acacgggcag	gatgtgcctg	caccctggga	aaagtgttgt	ctccgcacac	300

<210> 1180
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1180						
ggagaccagg	tgggagccac	tcacagaaat	cagtaacatg	aaaaccacag	ccacaaaacc	60
accactgtca	ctcaacgccc	atcatcacgg	gcaggacagt	tctacatcat	ctccctccgg	120
cctgaggcctt	cccaggcagt	gtgggaaggg	gggctgcac	tcctggctgg	ggttcacacc	180
taagtttcct	gaggtccaag	ctgacctgga	aagtttctag	tgagtggcac	atcctgtccc	240
aacaagggga	acacgggcag	gatgtgcctg	caccctggga	aaagtgttgt	ctccgcacac	300

<210> 1181
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1181						
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catttaattt	aaatgactct	gcttgtctca	ctgttatgat	aaatttgtgt	ggtagatcgc	120
agcctgttag	ctattactgg	aagttttctg	cttttattac	aggcctctca	aataggtagg	180
ttttaacatt	ttattggacc	cctgcccct	tcccaatttc	aactattaaa	tccttaaatt	240
tgttgttttg	gttatgcaga	agttagtatt	cagggttatat	ggttcccaat	gagtgaggaa	300

<210> 1182
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1182						
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tgggaggctg	agcacacact	cgtacaccgc	tggcaggaag	agaaatgact	tttctggact	120
acaatttggga	gataacacaa	acattaaaaa	gaagaaaaaa	ttgtatccct	ttttgactaa	180
gcaattctag	gattgttatt	tttttctcct	gaggaaacta	gcatggatgt	tcacattcag	240
gtgtggggat	gtttatcaat	ttgctatttt	agaaaagaga	aaaaaagttt	agcatgtcac	300

<210> 1183
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1183						
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ctgtgattta	ccagctgtga	gccttggggg	tgctgcttac	tctcttgggt	attctttact	120
catttctatg	atggggtaga	ggataatgcc	tatgcttaca	aagtggctgt	gggaagtaaa	180
ccggatggga	taagaatggc	ttgctgtgga	ccacaggcac	cgcaggataa	ccattcctca	240
gaactcctcg	tactgctcta	gtgcttggag	gtccgtgtat	tacctcagct	attccaaccg	300

<210> 1184
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1184

atacgaatggg	gtgcttggtg	gatggggccat	ggaggtccgt	gagctggaac	tgggcacacg	60
ccatcccaga	gggctcagga	tgccccagga	aggaaagaag	ggcaacagac	tacacgattg	120
gacgtgtgtg	gttgactggg	atgaagttgg	agggaggggc	agggccttgc	aggggattgg	180
tactgatccc	agggaggaag	tggtggggct	tcatgaacta	ggatgaaagg	agggccctga	240
gccatgacaa	ggggcacatc	caggatttcc	gccaccctga	atttagtaga	gctagtaggc	300

<210> 1185

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1185

cttttaggttc	ttgattatgt	cactgtaata	aagcaaccaa	tggacctttc	atctgtaatc	60
agtaaaattg	atctacacaa	gtatctgact	gtgaaagact	atctgagaga	tattgatcta	120
atctgtagta	atgccttaga	atacaatcca	gatagagatc	ctggagatcg	tcttattagg	180
catagagcct	gtgctttaag	agatactgcc	tatgccataa	ttaaagaaga	acttgatgaa	240
gactttgagc	agctctgtga	agaaattcag	gaatctagaa	agaaaagagg	ttgtagctcc	300

<210> 1186

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1186

ctgacctttg	tagagaatcg	gaccttcgac	atgcaatggc	caattgtttt	gaagcgtaa	60
taggagctgt	ttacttggag	ggaagcctgg	aggaagccaa	gcagttattt	ggacgcttgc	120
tctttaatga	tccggacctg	cgcgaagtct	ggctcaatta	tcctctccac	ccactccaac	180
tacaagagcc	aaatactgat	cgacaactta	ttgaaacttc	tccagttcta	caaaaactta	240
ctgagtttga	agaagcaatt	ggagtaattt	ttactcatgt	tcgacttctg	gcaagggcat	300

<210> 1187

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1187

aatatatcac	atcatgtaat	aagcctctca	gagatgtagc	attgagcaga	ttaaggcctg	60
atztatagaa	aaattccacc	ctggccatgt	gggcctgaaa	ctctggaggg	ctttaacaat	120
gtcttgaggt	cattgtcatt	taaagagatg	actcattggg	tttatttagt	agaaataaat	180
actaaataaa	taatctccac	agattatcca	gaggggtaag	ttgaaggatg	ttgacagata	240
actcagtaaa	ttgcgtctca	aatattaata	agtttattct	atgccagcac	caaaaatatt	300

<210> 1188

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1188

agtgattaag	tctcactaga	ataggctttt	ctaaattggt	ttatctcatc	ctcattagaa	60
cttcaccaca	tgtgggaaat	catgtggcaa	aactgtctct	cttaaaaaaa	aagtcaccaa	120
ggaaacctcc	ttctgcaatt	taagaaataa	aatcccagtg	acattgattt	ggatgtctca	180
aacatgtcca	taatggaaga	gcttttccag	gttttggttt	gggcccccca	gaccaaagct	240
ttgacacata	atacaagctc	tgtaagtctg	ttttcctgtc	tgtaatttgg	gattgtcatc	300

<210> 1189

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1189

gttttgactg	gtactgtttt	cattgttatt	taattttgtg	ttttttaact	tctttcatga	60
tttcctttta	actgaagggt	ttcttagata	tttagtttgc	tgggtatattc	ttttaaaatt	120
gtatcattgc	tttcttttcta	tattggatta	ttgtcagaga	acatgatttg	catgatatta	180
actttttgga	gtatattgtt	gcatctttgt	ggcctagtag	atagttaatt	tagtgaatgc	240
ttccagttgt	acttgaaaag	aatgtatat	ttctgattat	tgagggtaaa	tttctctata	300

<210> 1190
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1190

tgacttttga	cctgggtccaa	gctgttgggg	aattgctgct	gttgaccag	gcaggagtct	60
gactagagaa	caaactaagg	ttgctgcaac	aaacaaggac	ctcttccaag	aagggctccc	120
aggcctggcg	cagtgactca	tgctgtgat	cccagcactt	gggaggccga	ggcggtgga	180
tcatttgagg	ccaggagtgc	gagaccagct	tggccaacat	gatgagacc	cgtctctatt	240
aaaaatacaa	aaattagcca	ggcgtggtgg	cgctgtagt	cccagctact	caggaggttg	300

<210> 1191
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1191

ggccaagcat	cactgcacgt	gccagctccc	caaacggctg	gtaagggggc	ctggatactt	60
aactgtaact	tgcaaatcgt	atccctagcg	ggcccaacac	aaatcctgga	gaatcagagc	120
tgggggtggc	ttggaaactg	gcaagtccag	cttcactctc	acagggctag	ggaaacaggg	180
cccagggagg	tcgccctgcc	agggccacac	agggaggagg	tgtgtggctc	catgtggcct	240
caggcctgaa	ttctattatt	attattatta	ttatttttga	gatggagtct	tgctctgtca	300

<210> 1192
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1192

gggccacgac	taccaaattg	gcccctaccg	caagaacctg	ctatgctacg	accaccggac	60
agacgtgtgg	gaggagcggc	ggcccatgac	cacggcgcg	ggctggcaca	gcatgtgcag	120
cctgggtgac	agcatctact	ccatcggggg	cagcgatgac	aacatcgagt	ccatggagcg	180
cttcgacgtg	ctgggcgtgg	aggcctacag	cccgcagtgc	aaccagtggg	cccgcgtggc	240
gccgctgctg	cacgccaaca	gcgagtcggg	cgtggcagtg	tgggagggcc	gcatctacat	300

<210> 1193
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1193

tgtaggggtg	tgtaggggtg	tggggattaa	gatctgctga	gtaggtgctt	accagagtta	60
tactgaagga	cctgaagaca	gatcatcttc	acataatcag	catgacccat	aatctgtgat	120
gtcactgagc	ttctttttatt	tctgtagtca	aggaatgtgc	acaagtaatg	caaataataat	180

tacttttagt cctgaggatt aggggaacttg ggggatgttc acattacctg atgatgtcaa 240
tattgtgtta tgtttaattt tttttaaaaa agatgcttat ttattactga aataatctaa 300

<210> 1194
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1194
aattgataat aattagacaa actgaactaa attttttttaa cagataacctg agtgccaagc 60
ttaacagata cctgagtgcc aagcataata aacaggaaat atacacttca aaaaagaaaa 120
agaaaaatga atgcatactt atcaaatact tgctgtaaga gcattaagta ctttacataa 180
gtcaaatacat ttaatacctca tgaccctaag aagttatattt aagatctttt gagaatgaga 240
aaaaaggatg agtaagggtg ggtgatctat gtaaaaacaaa taaattctag taactggcaa 300

<210> 1195
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1195
gccacggcgc tcggcctgaa ttttttttaa tacttaattt agatcaataa cttcgactgg 60
tactgaaatt tgcactcact ttcagcttac agtttgggta ggactgctag acccagttct 120
tttgtcatct cattcttaga gagctcttga aaaccaaagt atttaaaacc ctgcaagttt 180
ctgtgcagat gagtgc aaat tcccaccag cattggttcc tgagtaatta gaggaaggaa 240
gccatgcaaa agctgctatt gccacggctc cagaaaaaca tcatgtaagg tttgattcca 300

<210> 1196
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1196
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atctctcttt ttacaattgg ggagctcgag gctcagtttg gtcattgttg aagtcctgt 120
ggagttgggc tccaaccag gtcagtctgt ttcccaaaac ccttctgttt gactttgccg 180
ctgaagaaga tacaatgaga tgaagagtct tgggcatgat ggcacacagg tcatcaggaa 240
gaaggccatc aggaagttgg actagaggtg ggaggggaga aggaattagg ggatttgaa 300

<210> 1197
<211> 289
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (289)
<223> n = A,T,C or G

<400> 1197
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aatatctttt cttttgagag taccctcagt ttatttctac tgtgctttat tgctactgtt 180
ctttattgtg aatgttgtaa cattttaaaa atgttttgcc atagcttttt angacttggt 240
gttaaaggag ccagnggtct ctctgggtgg gtactatncln gagttattg 289

<210> 1198
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1198
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 tcagagctag tggggcctgc tcacacattc cagtagtttc ctctttatctt gtcctgaacc 120
 aagttgtaga atttaaagga ggtgaagtaa ggcgatttct atggaaaata tatttttctt 180
 ctttactcct catgctgagt gcataagaat ttattatttc ccctgaatgt tcaaagtggt 240
 gtgtgtgtgt gtgtaaaaga accaggagca aacaatctta ataggaatgt gcgatcttgt 300

<210> 1199
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1199
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 gttgttgagc aattttgttt ttttttaaag cagggtgacc tgaaaatgct ttgtagagga 120
 catgggtttg ggccgcccct tgaaatgctg gggaggattt gactccttta ctgtcgagga 180
 gggggaaggg cattgccaca gttgggacag tggcaciaac tcaaaaggaa ggaagaacta 240
 ggtaatttga aaaacagaat aaaccaattt ggctggaaag tgaggtcttg tgagaaagca 300

<210> 1200
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1200
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 ctgctgcagg actgcggggt tcatgtccag gtcgctgagg gcggcgcgcc cgcagagttc 120
 tatctccagg tggaccgctt cagcctgctg cccacggagc agccccggct acgggtgcct 180
 gggtgcaacc aagacttaga tgttcagaaa aagctctatg actgccttga ggagcacctt 240
 tcagagtcca cctcgtccaa tgcaggccta tcaactgtccc agcttctgga tgaaatgcgg 300

<210> 1201
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1201
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 gctgctgaga gggtttcgtt tacaagtgc cttgagtgtg tttcatctct ggaatgcatg 120
 gtccctgcgc tcaagctaca caatctgatt agtgaagtat tactaataca ctgaaaaaat 180
 atacatagta attacaaat gactgacaca attttatagg gggttcagag aaacatctgt 240
 gaatgggtaa taatgaaaaa agaaaagtgt ttctctttgt tttagtctga cctttttaac 300

<210> 1202
 <211> 148
 <212> DNA
 <213> Homo sapiens

<400> 1202
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 ctgctgcctt ccctggcagt gttctggggg tggattccct acacctagat gttcaaggcc 120

ttactttttcc tcccacaaag gattcgca

148

<210> 1203

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1203

cagaaaaacta	gcagggttaca	ttttataggc	tattgtagtt	ttatttacca	aatgatattc	60
tctaaatcac	ttcgaccaat	aaatgtattc	tcctccttaa	agcagagttg	tatcaactct	120
gtgggagcat	ttatgagctg	tcagtcccca	cacttctagc	cagaatcaca	ataaggctctg	180
gctgggtgtg	gggtgctgca	taggaaaggg	tctctggaga	agcaagaagg	gcacaatcat	240
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<210> 1204

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1204

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gaagggtttg	cattgaaaaat	gtgctgttgt	tccaaagaaa	aattagcaga	ggacttgaga	120
tttagaaaag	tctcctttgt	aatgtgcctc	attaccagtt	atctaaagaa	aaacatgtaa	180
aagccaacaa	aacccttgaa	aatattttgc	atatggatgt	ctgtttcacg	tttcaactga	240
agatgtatag	agcacctctg	atgatgagga	agataccatg	ctaggcagta	ctttcaagaa	300

<210> 1205

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1205

ccttcccacc	ttgtgagttc	tcccagcagt	tcctggattc	ccctgccaa	gcactggcca	60
aatctgaaga	agattacctg	gtcatgatca	ttgtccgtgg	gtttggtttt	cagataggag	120
ttaggtatga	gaacaagaag	agagaaaact	tggcgctgac	cctgttatag	tgggttatagt	180
ggtgtcccta	aagggaggaa	atgattttcag	caaaactggt	tgaacagcgg	atgaagatat	240
ggaattcaaa	gctctaattg	acctttttga	agagaagttg	tggcttatgt	ggagtttaca	300

<210> 1206

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1206

cagagtcaac	atggagcatc	tactgtgaa	atgatccatg	gattgaagga	tatggtaaaa	60
tgtttatagt	ttactttgaa	agtaaaatat	actatgtctt	ggttttgagg	atattggata	120
caaaactctc	ttccttttagg	gctactgagt	cttgattcct	gatcatcaga	aatttcacca	180
gaaacaactt	gcttccaata	tacccaattc	tatatgaaga	attcatggag	agtgtactgg	240
cactggaaga	gtttagtgtt	tcttgtatgc	ttgaaaataa	agtatgtact	gttttgaatg	300

<210> 1207

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1207

gtcgggtgtta	cacacattca	cacttgcagg	cgtgcaggtc	ggtgggtgtta	cacacattca	60
cactgttgca	ggcgtgcagg	tccgtgggtgt	tacacacatg	ctgttgcagg	cgtgcaggtc	120
ggtgggtgtta	cattcacact	gttgcagggtg	tgcagggttg	tgttacacac	attcacactg	180
ttgcaggctt	gcaggtcggt	ggtgtttacac	acattcacac	ttgcaggcgt	gcaggtcagt	240
ggtgtttacac	acattcatgc	tgttgcaggc	atgcaggctg	gtagtggttac	acattcatgc	300

<210> 1208

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1208

atTTTTTTTg	ttcgaatgag	ccttaatctc	ctactagtga	TTTTTTgTtT	gaaggagcct	60
tgatcttgga	ccaccgaaaa	ggtaaaacca	gtggcaagct	tgaatgcttg	TTTTatggta	120
gacttagata	cgagaacggg	taaagggtag	tgataaaact	tggaataata	gattgtcttc	180
TTTTatgcat	accactcata	ccactgggtg	gaaatttcat	ttggaattac	tccctagggc	240
catggagtct	tcttgcata	gctaataatg	taagttccca	ttacctttgg	taataagaaa	300

<210> 1209

<211> 215

<212> DNA

<213> Homo sapiens

<400> 1209

acctgggtgtc	ctcgtgcttc	ttgggcaggc	cagctccatg	cagtgcagtg	cccctgaagg	60
gaatgggggcc	aggagaagac	ataacagggc	atgaggatct	tctctgtgcc	aagaatcatg	120
ctaggtaacc	cccctgagat	ttctcatcct	cttgagaatc	ctgtgagatg	atcctgctgc	180
ccttattttt	ccagatggaa	aaacggatta	cccag			215

<210> 1210

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1210

cacctgtgcc	cccaggctca	aggtctcttg	cagggtgcaca	ccagcccaac	tctgcagggc	60
ttctctccct	gccaccaccc	cccaagccag	gaccccaactc	cttccccgag	gctgagctga	120
gcctttttcca	ggggcagggc	ccaggagacc	attcccagaa	tccatggggc	agtagccagg	180
gctccggctg	ctggaggaag	cagctatcca	caaagcttcc	tgccccagag	ctgaggctga	240
ggccccggga	gaggcggccc	ctacccaaac	actggctgct	ggcattccac	caagtgaccc	300

<210> 1211

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1211

ttgcacagga	ggagaattag	cacgatgtaa	aataaaaaatg	aaagacccca	atggggagaa	60
tatttttaaat	gtcttgcagg	gagtgggaaga	aagcttttgc	taaaaatgtc	accatatgct	120
aactatatac	agcacttcaa	gtttatttat	tgtaaagcc	tcattgtaa	cacgtcattc	180
tgaaaatcat	ggaaactgca	cattttgtgca	ttaaactatg	taaacaacaa	aaactgggtc	240
tccgtccaat	tgttgtttca	cttattttga	attatagtgc	aattttgtgg	agggtgaaat	300

<210> 1212

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1212

agggaaaata	tgacaaacct	caactatggg	agttgtccac	aatacaaaat	tttgaaaaaa	60
cattacatag	tgataatatc	atacttggtt	gttaggcttg	ttgcttcccc	acatcagagg	120
catctaata	gttatctttt	gtaattgctg	tgaacttttt	taaataagcc	atttagtgtg	180
aaattgtcat	gtatcaaata	gctattggaa	atggacttta	ctcaatttta	attccactgt	240
aaataaggac	ggagtcattc	ctacaaggct	ctcttcagag	aaatagatta	aaagtcacat	300

<210> 1213

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1213

ctctcactag	ccctgggcac	ttcccactgc	ctttgtggac	ttctgtttgc	tcttctgtag	60
aatgggataa	cagtgccagt	cctgcttact	atthaggggt	atgtgatgct	tcagatgta	120
cagggaaagc	accgctgatg	ggagctgctg	aagtttctag	gggaggtgaa	gggtggcgct	180
cctcccctgg	tctaagtggg	agatgggtgca	gggagaggag	aatttcattc	tgtggcagca	240
gctgatagat	tccaggtctt	taatactacc	tgggaaacct	taacaaagca	gtcagtcacc	300

<210> 1214

<211> 299

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (299)

<223> n = A,T,C or G

<400> 1214

aaacagtcta	tacatgttca	gtacagatgc	agccatccat	tttcttgtcc	aaatatTTTT	60
tatctccagt	tggttgaatc	cattgatgca	gaaaccacgg	atacggagag	ctgactctgt	120
gtgtgtgtgt	gtatactcac	caattcttta	tttatttnaac	ngatatttat	tgaatnttta	180
ctatgnngga	ngnatanttn	angagcntgn	ntntanctta	gnentcancc	ntggcttann	240
gnccnggan	tctnatgnag	atccnaganc	gntngncenn	atcacnntgc	tttgcgcct	299

<210> 1215

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1215

tttttagttt	tccaaatctg	aattgaactct	ttttttcttt	cttctagagc	cagaaacttt	60
tgataccatt	tttcatgctg	ttgaacttca	tcttgtgttt	ttccaggaag	gtgttctaga	120
acttcttcca	taaatgttgg	cttcccttta	tgtttgtttc	tcacctttac	aaagttctgg	180
tgatcataat	catcccaggc	accttgtcgc	cctcctgttt	gctgaaggaa	tttttcaaaa	240
tctagtacct	cttctggaag	agtacttggg	gttactttgt	ctacaggaac	tttgcttgag	300

<210> 1216

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1216

tggaacagga	gagtcgcatg	gaggtactgt	ttgcctgtgc	tgaggccctg	catgcgcatg	60
gctatagcag	tgaggcctcc	cgtctcactg	tggagcttgc	ccaggatctg	ctagccaacc	120
cacccgacct	caaggtagag	ccgccccctg	ccaagggcaa	gaagaacaag	gtatccacga	180
gccgtcagac	ctgggtggct	accaacaccc	tgagcaaggc	ggccttcctg	ttgacagtgc	240
taagtgcg	tccagagcac	cacaacctgg	ccttcgcgag	tggcatgttt	gccttgggagc	300

<210> 1217
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1217						
ggaaggaagg	ggcaggaccc	tccgacgggg	cagcagtg	ccagggtgtcc	cccctgcaca	60
gtgtttacac	cctgggacct	gccgcaaggc	atggccttca	gaagagcctc	cccccaagaa	120
atgctgcaga	caggacgggg	cttctagaga	ccttggcttc	tacccaggaa	ggctgatcta	180
ttcttcgact	gttgcacag	cttctcaaac	ctctgcaggt	tcaggctgcg	agccctaggg	240
agcatcactc	aaagcacct	gttggccact	taggatcagg	agggcctcgg	ctcacccaag	300

<210> 1218
 <211> 290
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(290)
 <223> n = A,T,C or G

<400> 1218						
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gttgtgttgg	cacgcacctg	tagtcccagc	tacttgggag	cctgangcan	nanaatcgct	120
tgaacctntg	aagtngaggt	tnatagagnc	nnaaccngnc	nanngtactc	cagcntttnn	180
gacattannc	agattncggn	tnanaaatna	aaannccncc	ctttaaattc	tgtttttttt	240
tnncttnnng	gtnttttttg	tggagtanat	tttnnnnttt	gnnttctatta		290

<210> 1219
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1219						
gcttttttggg	acagtagaaa	ttttcacatt	aatactgtaa	attctgtacc	atatttttgac	60
acctgctaca	tctgattcaa	atgcgggaaa	aaataccatg	tgtgcataat	gaaaaatcat	120
tcattttttcc	ctttcttacc	ccagcaggaa	tagaaagcaa	ttccaagcca	ctctgcaaat	180
gtatccaagg	ttagagattc	gggagctggc	caacatctta	caccccaaat	gactgaagca	240
tttcagtagg	ctgactggct	cgaaataaca	atttaagaaa	gggggggaaaa	aacctacagg	300

<210> 1220
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 1220

tgtagagacg	agggttttgc	atgtttccca	ggctgggtctc	gaacttctgg	gctcaagcaa	60
tccacccacc	ttggtctccc	aaaatgctgg	cattataggt	gtgagttacc	actctgggcc	120
aggattagaa	ttcttgggtc	cttaacctct	cgttcagttt	tttctctgtc	gactcacatg	180
ccctccaaat	gaataccgaa	gttagatttt	gcatattaaa	ttgaaagaaa	gttaaaagcc	240
ttactacttt	ctacttcagt	gtagggngga	tatgcnaagg	nttccnagtc	caaatngann	300

<210> 1221

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1221

caaaagtaga	ctttttctct	cagcctccat	ataattatgc	tgtcacagct	tcctcaagaa	60
ttcacattta	tggccgatac	tcccaagaac	ctataaaaac	ctttttctga	tttaaagaca	120
cagcactactg	tgctactttt	cgacaagatg	gtagattgct	tgtaggtggc	agtgaagatg	180
gtggagttca	actttttgat	ataagtggga	gggctccctt	caggcagttt	gaaggccata	240
caaaagcagt	tcatacagta	gatttttacg	ctgacaaata	tcacgtggtc	tctggggctg	300

<210> 1222

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1222

agatttcagt	aaagctcggt	cgttttgttt	ggttttcttt	ttacctagtt	gctatagtgg	60
ctacagtcta	tactcaatac	ctataaaatg	cagtaagcat	gtgttacaga	aagaggttct	120
ggtagggagag	aaaggtgcgt	gtgagacagg	agaattgtct	taagcatata	aaacatgtat	180
gattccagaa	tttttagtatg	ttttgtataa	aactattttt	cattacggag	actagaagtg	240
aacagagaat	tacacaagtg	tgactataca	aattgtaaaa	cagatactat	aatatttctt	300

<210> 1223

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1223

ctggcctctc	tgaagactaa	gggcctgggtg	ctgttttgggt	tgtaaactgt	gttccattaa	60
gtggtacctc	aaatgaaccg	gacactaaat	actcctccat	tattatagat	tctgcattgg	120
atgtcacaga	cattgatctg	tgggaaatac	tgtgtgctac	tcctgagaaa	accctatgag	180
aaattttaaa	cttttttgct	gacaactatt	tatgacttta	ttcaacaaag	tgaacaaca	240
tttggacgac	tgttgcctgt	tcttgaatgt	cattcatgggt	cagccacaca	aaaacactgc	300

<210> 1224

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1224

tgcttgttcg	tttctgtgta	cttgcttagt	ggactgtagc	aacacactca	gcttctccag	60
tgtcaaccca	gattggcttt	cccactctac	agtttctgta	ggatgcatgt	tttcaccatt	120
atcaggcttc	tgcagtgtc	agagggcagc	aataccagc	aaccagtgc	ccgaggccag	180
caacttcttt	tacttcccc	tcagttggat	ttgtaacaga	gtatctttgg	tgggacactt	240
ctgtgtgaag	agattttact	agcaccctaa	agaatggatt	tctggcaagt	tccacaaggt	300

<210> 1225

<211> 300
<212> DNA
<213> Homo sapiens

<400> 1225
gctgctgggc ctggaagtcc aggtggggcc actegetaat tctcatgtgt tgctccggcc 60
cctccagctg caggtgggtg tggagtttga ggccagcaca aggatgcagg acaccagcgt 120
ctccttcggg taccagctgg acctgcccac ggccaacctc ctcttcaaag gtaaagggtct 180
cggttccctt acgcgggaaa caggcaggag gtgactcaac tctgagtgga tgtgtgggcc 240
accacaggtg ctggaggaca gtgtgctgcc accctgtggg cctccacatt accggggaac 300

<210> 1226
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1226
attctcccaa aaaggttcat cccgagaaca ctgaagaata atttttggga atgttaatga 60
tgtgccacaa aaattagtat tttatgatca aatgaatttg ctttataata ttttatctaa 120
atattcatgc tcttgaagac tcacaaaata aaggaaactt tatccagctt tttccagaat 180
ttacttgac atagactcca tttatatagc atgcctattg aactctgtaa atagtgcagt 240
tcaggaaaga tagcagtgtg ggaaatgtca ctctaattgt catatacgtt tatcccatgg 300

<210> 1227
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1227
gaatcttctt taaagtccag agtctcccg aacatggaga ctgtccttcc caagccttct 60
cgcggggagg gaattccttc tttctgccgc ctgttacatc cctgtgtgag aagggtctgtg 120
agctgagccc acatcactcg ttctgtgcc cagggtgtgt tccatcttca ctgtggaaaa 180
gtcattttga actccccgga gactgcaaat taagtaatca aggacagatg ggactggggt 240
gaccattcca aggagtacag ttacttgaag aatctggaag caataccgag cacatttgtt 300

<210> 1228
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1228
ctgaataaca acctaaactac taccctcaa cctcaccccc accccaggaa aagtaagtct 60
ttttctaacg atccaccaga ttaggggttac atttaacagt aactagaaag gttaatttta 120
accttaatca gaaagattaa tttctgtcct ttcagtcttc tttctgtgct cataaataag 180
cattgtttct tttaatcaac ctgggcagta tctttctcat tttaacagtt gtctagagct 240
cagttgtccc agcattttatt tcaactggtcc ctgatggatg gagggtggtg ttgcttcagt 300

<210> 1229
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1229
gtcatgcagg aaaacatgga gagagttttt attccagctt caaataagga atcacttagt 60
aaagttcatt ctttctagta cctacattct ccaagtaatc tgctcttttc agtgccctgaa 120
gtaaatcttg gttaacagct gaggagtagt attactgcaa gtgttcgtca cttgttgctg 180

tatacatctg	tcagtccttat	caaggaaatg	tggaatgggtg	aatctgcttt	acaatgagta	240
tgccctagaac	tcagaatcctt	attttatttta	aaacattgat	ctcgtttttat	tttattgaga	300

<210> 1230
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1230						
gcttcatgag	agactgacag	ctatcagggg	ttgtggcact	tagtgaggac	tctcctcccc	60
cagtgtgtgc	tgatgacaca	tacacacctg	acaatagctt	gagtcttctc	tgttcctttt	120
actctgtagc	caacatacac	atgattttaa	accctttcta	aatatctatc	atggttcatc	180
cttgtccaat	gcagagtcag	agctatttgt	acttcattac	tattcgctt	ggaaataata	240
atgaagtaca	aatagttggc	tttctttttg	caaaaataat	taaagttttt	gtatgttgca	300

<210> 1231
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1231						
ctccaggctc	tggttcccat	gcagcagctg	tcagcgttca	gacaaccctt	cagaacgtgc	60
ccagccggtc	aggcctgccc	cacatgcact	cccagctgga	gcctcgcccc	agccagagga	120
gcagctcccc	tgtgggcctt	gccaaatggt	ttggctcaga	tgtgctacag	caacccttgc	180
cctccatgcc	cgccaaagtt	atcagtgtag	atgaattgga	ataccgacag	tgagcagggc	240
aggcagactc	aactaagccc	ggacctgtgg	tggcacactg	ggcaggaccc	tgcttcatct	300

<210> 1232
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1232						
atcccttcaa	gacaatgact	tgtcttcata	gtcctcagct	gagttcacag	tctattgttc	60
ctttttat	ggccagtgtg	aaatagcagt	tattgcaaga	acaaagggat	taaagcatct	120
gaagacctt	gtttgagtgc	tgccacttta	gtagtatac	atctcagaga	tcaacctctt	180
taatgcctgt	ctttgttccc	tggaacagag	tttgtgttcc	cttttgtgtt	acaacagaac	240
tctgggtcatt	cctaccatag	cactttttgca	cactatagat	tgcaaccac	agtattttac	300

<210> 1233
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1233						
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gggaatgtca	gtgatgtaaa	agtcaaagac	ttgactgctg	aaggaatgta	gggaatcagt	120
gcccttgga	tgtcaatggc	ctgggtctaca	ttgagaatga	agactgagaa	agggcttctt	180
gagggacaga	gagctgcagg	tgatcaagga	cactcaatgg	gtctctgagg	gaaaagaaga	240
cctaagaatt	agggagtagc	tagcagaaaa	tgaggcatg	acactaaaca	cagactgaaa	300

<210> 1234
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1234

aatgggggggt	gttcttcata	gtggatttct	ttttttaaac	ataccatctt	tgtgtatata	60
catttctctg	gaaatgtttg	tgaaaaggta	aagataactt	ccttagtgta	attgtgttga	120
agtggaaatgt	ttctagtgtt	tgtgaagata	tcaattgctg	gctgatattt	taagctggat	180
gaaaaatgtg	ggatgaagtaa	tcttaaagg	tgatagattt	gatatgagaa	atttaaagta	240
atgtgctcag	tgcgtagtgg	tgataaaaga	atgtagccta	cttgttttcc	atagactata	300

<210> 1235

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1235

gggaagaggt	ggttctatct	gaggacagt	tgtgacttcc	ctattgatgg	gctccctgcc	60
atcagcacag	atgggcatgt	tgtgtgcccc	caggcgacta	tctgtgcac	agatatggtt	120
gctgaagtca	caattcactg	atggaaaagt	tgaaacagct	ggctgtcctg	aaacaggaga	180
tgtgccattg	atagatctac	tggatccaga	gtgatttggc	caaagttaat	catttctttc	240
ctgacttgaa	aaattgttca	ttatgtatgt	gaagttgcct	tagaatagag	catcatctta	300

<210> 1236

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1236

tatcacagtt	tgtaaacggg	tgtttttgtc	cttgttattg	aagtatacaa	ctctgcttag	60
ccaaacatac	caagcaacag	acagaagcgt	cacttggaga	gaagaagaaa	gggttaactg	120
gcagagctac	tgtaaaaaga	ggatagagga	gggtaagttt	gaaagtggcc	atgggcaaga	180
attttctcca	gatagctctt	gattataatc	tctctcacct	ggattatttc	ccatctcctg	240
acagtttgtt	ctcacataac	tatcagcagt	cctctcaaca	cagaatcaga	ccatgtctct	300

<210> 1237

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1237

tgaaaatact	tatctataga	aacagtgttg	taaataagag	agtctcagat	tatcaaataga	60
aacttattta	aatccatgta	actgaactaa	taataccagc	tgcagtttta	tcttggtgtg	120
aaggactacc	atgatgggaa	aaaataagag	gaaaccttac	cctccccac	attcccacat	180
gaccagcagc	ataagggctc	cagggtacca	cagtatccat	catttgtctt	atggccaccc	240
aagtacacct	gtttacatga	cttactgggc	ctgtgtagaa	attgcagttt	gtgataggat	300

<210> 1238

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1238

cagttttgat	gagcatgatg	aaggcagtat	cattttttgtg	cttgatacag	tggtcgga	60
gttcaggtct	gggtggcatc	ctgagaaaagg	gagcaaggca	gtgtggtgat	gccaggtgca	120
agaagtggg	ggtgtccaga	gggaagttag	atgctctgca	aaaaagttag	agggcatctc	180
agaaaataga	gccacttttc	ttgatttccc	agaaatagtc	actcactcaa	agcccttgta	240
tgtgcagcag	atttctactga	tgttttaagg	aggagtttat	gctgcaaaaa	agcaagctat	300

<210> 1239

<211> 230
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (230)
 <223> n = A,T,C or G

<400> 1239
 ctcagattaa gggtttgaaa aacaaaccga aaaagatggg ccacataaag ccagacttga 60
 ttgacgttga cttaatcaga gggtnacat ttgccaaagc aaaacctgaa attccatgga 120
 catctctgac tcggaagggg cttgttcgag ttgtattttt tccattgttc agcaattggg 180
 ggattcaggt tacctcttta agaatctttg tttggctgtt actactttat 230

<210> 1240
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1240
 gaattgttag agaaggggat tctgattatt taacaacaga gaaaggcttc tgggttatct 60
 attagagatg aaaggattaa agagaaacta tagatcagct agtccttatg gagagaggaa 120
 tataaaggaa agagaaaaaa taggactgtg gcttagtttg ggctctgttg actgactata 180
 aaagtgagcc aatcacatag taattttctg acaaaataga gtttaggtta aggcttaggt 240
 caaggctgta ctttgtgtta atagtattat aatgagcaaa ttaatagaaa caagaaaaca 300

<210> 1241
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1241
 gggatttgaa tgcccatgaa agacatttta ttttacttga atatattctt gcttcacttt 60
 accctccata atatgttgta cattagtgtc gatcaagttt acagagttac attttgcttt 120
 cctaaccatt cagtcaggaa ttaaaatatg gcattgtata acaactggga agaagctcat 180
 agtggatata aattagagta gataatgggt caccttgata gcctctgttt acattacttg 240
 tatatgggca aaataattat tacctatacg tgtatttaag cttaattttc atataaacag 300

<210> 1242
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1242
 gctgggtgtg gtggcttatg cctgtaatcc aaacactttg ggaggccaag aaggagggat 60
 cacttgagcc caagaatttg agaccagcct gggtaactta gtgagaccct gtttctaaaa 120
 ataaatagac agatgataga tagtcagata gagagagaga gagagatgat atagatatag 180
 atagatagat agaatgttct ctaccccaag ggtggagaaa gacttgagca aagacacaga 240
 ggccacatgg attaaaagga ggaggagaag ccctgtgttt gcagggatga atggcctatg 300

<210> 1243
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1243

cgccggcccg	gggtaacgca	cagagagcca	gccgggcgcc	tatctgggcc	gtaccgtgct	60
ggtggctggt	gcaccggcct	gcgccatggc	caggcctttt	tctctagtca	ggaccgtccg	120
gatggggcct	tagggccccc	ccccgtctag	cctggcccg	cctgcgcgag	ccccgcaagc	180
tctgcaggct	ggctagcggg	cagaccccag	ccccacgtcc	tgctaccac	ctacgaagga	240
tccggggatg	ggcagcgcca	cccgcccg	tccagagtca	gcattgggtct	ccgtgaggcc	300

<210> 1244

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1244

cgccgcacag	ctgctgaatg	ccttgggact	agctgggtgat	tacctcgccc	agggcctgaa	60
gctcagccct	ggccaggctc	agaccttcct	gctgtgggga	gcagggggcc	tggtcgtcta	120
ctggctgctg	tctctgtctc	tgggcttggg	cctggccctg	ctggggcgga	tctgtggggg	180
cctgaagctt	gtcatcttcc	tggccggctt	cgtggccctg	atgaggctcg	tgcccgaccc	240
tccaccccg	gccctgctac	tcttggcctt	gctgatactc	tacgccctgc	tgagccggct	300

<210> 1245

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1245

aatcgggcac	gaggccagct	tgacctgggt	gtggccggtg	ggcgagatga	agctacactg	60
tgagggtggag	gtgatcagcc	ggcacttgcc	cgccttgggg	cttaggaacc	ggggcaaggg	120
cgtccgagcc	gtgttgagcc	tctgtcagca	gacttccagg	agtcagccgc	cggctccgagc	180
cttctgctc	atctccaccc	tgaaggacaa	gcgcgggacc	cgtatgagg	tgctgaagt	240
gggcaggccc	tgctagcttc	gcgttcttct	tggaagccga	gacgcggggc	acctctcggtc	300

<210> 1246

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1246

cagtcctctg	cataaagctg	agagatgcct	acagctgaga	gtgaagcaaa	agtaaaaacc	60
aaagtctgct	ttgaagaatt	gcttaagacc	cacagtgatc	taatgcgtga	aaagaaaaaa	120
ctgaagaaaa	aacttgctag	gtctgaagaa	aacatctcac	ctgacactat	tagaagcaat	180
cttcactata	tgaaagaaac	tacaagtgat	gatcccgaca	ctattagaag	caatcttccc	240
catattaaag	aaactacaag	tgatgatgta	agtgtgtgta	acactaacia	cctgaagaag	300

<210> 1247

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1247

ggccgttggg	cgagatgaag	ctacactgtg	aggtggaggt	gatcagccgg	cacttgcccg	60
ctttggggct	taggaaccgg	ggcaagggcg	tccgagccgt	gttgagcctc	tgtagcaga	120
cttcaggag	tcagccggcg	gtccgagcct	tctgtctcat	ctccaccctg	aaggacaagc	180
gcgggacccg	ctatgagcta	agggagaaca	ttgagcaatt	cttcaccaa	ttttagatg	240
aggggaaagc	cactgttcgg	ttaaaggagc	ctcctgtgga	tatctgtcta	agtaaggatt	300

<210> 1248

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1248
 aaggagtata gatgacatag gtcacctcat tcatgaaggc ctacagaaga acacttcctc 60
 gtgggtactg tataacatgg cttcatttta ctggagaatt aagaatgagc catatcaggt 120
 agtagaatgt gccatgagag cacttcactt ctcttcagg cacaataaag acattgccct 180
 ggtcaacctg gcaaacgttc tacacagagc acacttctct gctgatgctg ctgtcgtggt 240
 ccatgcagct ctggatgaca gtgacttctt caccagctat tacactttgg ggaatatata 300

<210> 1249
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1249
 atcacatctc tcaagtttta aaatggggtt ttttgttggt gttgatgggg gggagaggggt 60
 ccagcagctt ttaaagtgtt tcacatcggtg tgttccaaaa ataactggtt agcctaagtc 120
 acttccaccc tccaatgttg tgaatgcagt ctctagcatt cgctatttaa tgtcttcttc 180
 ctgcactatt tgagaaatcg cgaggtcgac ttaataccgc agtcgccact tcgcggaccg 240
 gagggcgagg tctgcttagt tctgaggact gcgtgggtcc gcgcagagag ctctgctag 300

<210> 1250
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1250
 gagttcaact gcaacatccg ggcacctcca aagcagatgg tctggtgcag ccgtcctcgt 60
 agcaaggaga gggccgtggt ggtggcctgg gaaaggcggc tgatggtggt gggcgatgca 120
 cccgagagca tccagtttgt gctggatgag gactcctacc tggtgctga gctcgatggg 180
 gtccgcattc tctccgcag caccacagag ttctctgatg aggttcagc ggccagcgag 240
 gaaatcttca aaattgcctc aatggccccc ggggcgctgc tcttgagggc tcagaaggag 300

<210> 1251
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1251
 ggagcgtgga gacagggtag gggcagatgg ctctggactc tggacctaat cctgagggcc 60
 aatgaagggg gttaagcctg ggagttagca gatcagacgt gcttttttag caagatcatt 120
 ctggatctct gtggaaactg ccttggtggtg atgagagcaa accctgagac cactggggtc 180
 cctgagctga taagcaccaa ggcagtgggc cggagagagg agagatgttt aagaggtgtc 240
 ctgggttggg tgcggtggct cagcctgtg atcccagcac tttgggaggc cgaggcaggt 300

<210> 1252
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1252
 cttctgtgtg tgttccctca cttccattt aagtttcagc ctttatctat gtccttttgg 60
 gtgtctgccg tgctgatgat agagctcatc agtctttgat aaatactgtt aggtccttaa 120
 gtgattttct gtgaaatctt acgcatagga tttctgtggt cagggtttga cgtctgatct 180

tggtcgtcag ctcccccttgc tcaagaatgc aagtgcatta cctctttaa at tttaaaagct 240
 ggtaaactta ataggaagtg cttctttata ttgcaggtgc taaacttaag gagcccatta 300

<210> 1253
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1253
 gtcatgcccg gctaattttt gtatttttgt agatacaggg ttccaccatg ttggccaggc 60
 tggctcttgaa ctccctgacct caggtgatca cccgcctcgg cctcccaaag tgctgggatt 120
 acaggcgtga gccactgtga cgggccttac atgcaatttt tatttatagc cagtattaga 180
 gaattactag gaaatttcat ttttatattt agtgggagaa agccatctac agcatgtctt 240
 caagcatgga ctatctgtaa catacagtgt gcttgctttt gaattgtttt agtggttaaat 300

<210> 1254
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1254
 aggagatagg gacagagcat cctaagattc aggagagcat tctagtcaca gggagcagtg 60
 aattcagagg ccccaaggta ggagggagtt tggctctgtcc aaggaaagca agaaggctcag 120
 tgcagctgag gcagagtaag taggaaggag agaggctcagg gctgagatca gggaggtagt 180
 ctgaggcccc tctgtggggg acctgataaa tgtgtttgaa ttcattttga agtgtaatat 240
 gtccatatta gaagcagaaa ctagaaaagg agttaggctg ataaacatag ggatcataac 300

<210> 1255
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1255
 cctagttatg ctataatcaa gcaggaaatg tttatggaat ggaaagatta aggagggggg 60
 tatgttctta ttttagcaat aaaacgaata ccagaagctt taacattcac cagtacaaat 120
 aaatagtttc aatggaatag gtcgaaagta aagggaacatc actagagtaa atgctagacc 180
 tccccctctc ttttattttt agcaacagca aagcagaaac taagatctac aagtgatcaa 240
 agaggggtgat ccattcagtt tctgtgtaga caggaataat aataatacct tttacatatt 300

<210> 1256
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1256
 gtttcttttt ttcagagttt tgctgctaag aatatctcct caacatttga cttcattgtg 60
 gccataatg gtctctgaat tgattcagac attcacacag cttgaagaag atctaaaaga 120
 tgaagatgag tcattgagaa gcaccaacaa agtaaacaga acgaaagtgt cagtcccga 180
 tgcaaatgga cctcagtggt gggagatacc ccagagtga ctcattctgt atttatcagc 240
 ttgcaaatte ttggacacag cgctttcttt tccacctgac aagatgccat tatttcaaat 300

<210> 1257
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1257

gctgtacgga	gagtgtctgga	ccgaggggag	ctgggagcag	gtactgcctc	catcctgagc	60
tgccgtcctt	tgaagggaga	acctggggta	gggttcgagg	agcctggcga	gaactgtgca	120
cctcctcggg	aggagcagcc	ccctcctgtg	ctgctttccc	cctcccttca	atatgtctgg	180
gcggagaccc	tggcctccaa	agtgcatttc	cgggacccca	aatcccagcg	gacgcaccag	240
gctcaggttg	cgttccaggt	gtgtgtgcgc	cctgggtcct	acaccccggt	accccttcc	300

<210> 1258

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 1258

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agatagaacg	atttcacaga	taatccatag	tgatactcag	ctaacgggtg	gtactgcca	120
gacttgaacc	caccattcct	gnaacttcct	tgatatctct	aattatgggt	taggtctgcc	180
agtttggtat	ggagcagaaa	agaagatgta	agctttcttg	aggtagtagc	tgctacaggc	240
atacantata	tnatctcang	caatagcaag	tccaagtagg	actgatacag	tatacacaaa	300

<210> 1259

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1259

cactacatga	agtcgggggt	ttggttaaaa	tatctgtctt	atztatgaaa	ggctgaaaag	60
agaaaagagc	tattcactac	ccgagactat	aagtttttagc	tgataaaaac	acagcctcat	120
caatagctat	tgaatgaagc	cacttgctga	gtcagtaact	gaatgtctat	gtatgatatt	180
tccagtatca	tgattaaaat	ggagccccga	aatgtcatta	taaggcctag	ttgtggactg	240
ggggcccaga	tggccaagtg	ggagcaactc	tgaaccatt	aaataggagg	agagagagaa	300

<210> 1260

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1260

catagacaaa	ctacgtatca	agcactgtgc	cagacactga	gtacactatg	gtgaataata	60
aaagtctagg	ggtctcagcc	agtataattc	ataatccagt	gagagacaaa	aacatgtaca	120
caggctgtga	tgagtactgt	acattggcaa	atgtgccatg	ctactagggg	atggatgaga	180
tcacagttta	agcttgggaa	gaatgagtga	gacttggcaa	agaagggggg	acaagaatat	240
tatcataaga	gtgaagaaag	ttgggggacc	tcaagtgtaa	gagaagagaa	gaacttgctg	300

<210> 1261

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1261

atgactacca	ttatttttct	tccttctatt	ggtttaaaat	atacttatct	cttccactgt	60
atgttctctg	gttttattgc	atgggaaaag	gtaataagtg	tcataataaa	cagccatctt	120

aacatgctgc	aggaactgtc	aagtaacagt	gattattgta	aaaaacgagc	tttctaattt	180
ccttgctcgt	tacagagtaa	tctaagtga	aattttccaac	gtcctatctt	tacaaagaaa	240
caaatacatt	tattttttcc	tctaattgga	gaacttatgt	acatgattcc	tacttgatgg	300

<210> 1262
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1262						
cccacacctg	ccatattgaa	ccgtttctgc	actaatcttc	tccacgggca	cggagtggag	60
ggaacgtctt	gggaaagggg	agagcttgac	ctccatctag	gtttctttta	tctggagaaa	120
aagaacactt	ttgaactatg	taatgcttcg	ccctgaaagg	caagctaacg	ctaacttccc	180
aggtgacagt	agcaggaaca	aggaagggta	atgtttccat	gacagacact	tgcttccctt	240
gggacaagtc	ccagaagaac	tacctgaagc	accaaagctc	cccaccccag	cctgggtggca	300

<210> 1263
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1263						
acttttttaa	cgaatggggg	aagggatcta	tgagaaaggt	ggtatcta	ttttttatgg	60
accataaagg	tttaaaagaa	aataggggca	caggctgttg	aggtttttat	gttggtatag	120
acctttttta	attatgttag	agatgtatat	aggattttta	aggtcactgg	gagcgtttct	180
gattcccggc	cacactttgc	atttcaacac	tcagcccggga	aagatgctcg	ttcgggtgtt	240
ggacctcttt	cactccctgc	gtgtaagaag	gtgaatcacg	tgggaaaaag	tgatccttag	300

<210> 1264
 <211> 298
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(298)
 <223> n = A,T,C or G

<400> 1264						
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cggtagatca	tcaaaaaaga	cttttttgga	ctggatacta	attctgcgaa	aagtaaagat	120
gtatagggcat	ctggtgtttc	agcatacata	actgaagcat	gtgaaacagt	atcatcctcg	180
ttagtagagg	aaaaccaaaa	cccttctttc	cgtcaaaaatt	ggatttgtaa	ttaaattgta	240
agcctcgtag	gatgtatggt	ggagatttta	agtctttcct	tcggttctat	gcaaaaaa	298

<210> 1265
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1265						
tcttgggtgc	aaacactata	aacctttgac	cagctgagct	gtgactgctg	tcacatatct	60
gagtcctgtg	tgcacagtaa	tatcctgggt	caggtaaaat	ccaggctctc	aagttttaag	120
gattttttga	agaattcggg	cttcttttaag	acgatccatg	cccaaatacca	caagcttggt	180
gacagtggat	tacagtgtgt	gtggcaaagt	ccaagttggt	acactgtgct	ttaaaaaaaaa	240
tcttatctgc	atgtattggt	aacttagaga	ccatgagatc	tatttatcag	gaccaggaag	300

<210> 1266
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1266
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 cttgtgagct gaaggacttc aggaaaaccc acggaatccc ctcaaattgt atacagattt 120
 ttgtgatggt tgtgtctcac gtgtccgtgt gaagagacca ccaaacaggc tttgtgtgac 180
 agggcaaggg tagaaatcat gttccagaac tcagtgtgag ttgtaggcat gaaagaggag 240
 cttctcaac aggagctgtg gccaaacaag aaacaaggca ggtaagaagt ttgatagctg 300

<210> 1267
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1267
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 gaaccatctg gaattcacag gcctgtcatg agagacacga tgagaagtcc ttaaaggtag 120
 atcactgatt cacaggggag caggcggagg caagggtgag tcagtgtctg gaactcagtc 180
 atccagattt ggctctggaa acttctgaag ctgtagcctt tggggatccc tgactgagag 240
 tacaggaagc caacgctatg tgggtctctg gaaactcatt atctttttca ctgggtgctat 300

<210> 1268
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1268
 cagcggcgag gtctgcgga ggcattggcg gagctccgga cgagcgccgg cggggccccc 60
 cggcagggga gcagctgcag cagcaacacg tctcttgcca ggtcttcccc gagcgtctgg 120
 cccaggggaa tccccagcaa gggttcttct ccagcttctt caccagcaac cagaagtgcc 180
 agcttaggct cctgaagacg ctggagacaa atccatatgt caaacttctg cttgatgcta 240
 tgaaacactc aggttgtgct gttaacaaag atagacactt ttcttgcgaa gactgtaatg 300

<210> 1269
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (300)
 <223> n = A,T,C or G

<400> 1269
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 naaatacaga aattagccgg gcatggtgtc gcgtgcctgt agtcccagct cctcaggctg 120
 ctgaggcagg cgaattgctt gaacctggga ggcagaagtt gtggtgagcc gagattgtgc 180
 actccagcct gggtaacaga gcgagactcc atctcaaaaa aaaaacaaac caaaaccaag 240
 ttcccactgg tgatgcctgt ctgacacgtt ttggtattta gtaggaaatg aagtgtttcg 300

<210> 1270
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 1270

ccgactactt	gtgcagtttg	ccctgctgag	ccctcctcgc	cccgggaggc	agaaggggag	60
gggtcctcag	caatatgctg	agcacctcct	aaacaacatc	acctgaaaaa	ggaacctaga	120
ggagagccat	tctcaaatct	gaccttgagc	tgagctcgag	agctgggttg	agagctgggt	180
tgatcaaagt	tgggattttg	ctattattgt	gacaaagggt	ccagccttgc	agtccagatc	240
ctgaaaggcc	tgggacaagg	ccaggtaatt	tggggagtc	gtcctgcatt	gtgcaggatg	300

<210> 1271

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1271

cttgtcccca	tgggtcagagg	agaccagct	gtcctgcacc	cccttgacga	tgagtatcac	60
cccattcttt	ctttccactt	gttttttatt	tttatttttt	tttgagacag	agtctcactg	120
tcaccagagg	tgaactgcag	tgggtgtgat	taggctcact	gcaacctcca	cctcccaggt	180
tcaagcaatt	atcctgcctc	aggctcccaa	gtagctggga	ttacaggcat	gtgcaactca	240
cccagcta	tttgaatttt	tagtagagac	agggtttcac	catgttggtc	aggctggtct	300

<210> 1272

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1272

aacatctcct	cttgtcatct	ctaggacata	gacgggttagg	gaaactctca	tctttccttc	60
accacctcat	gagtctaaaa	acaatgataa	accaggggaa	gcttgctgaa	gagcatcctc	120
catttggtta	ttgctctttg	tctaggaaaa	tcagactcag	ctgtgaattg	tggaccaagt	180
ggtgcagaac	tcattacttt	gaacaatgcc	tcctcggcct	gggaagcatg	ttctctcttc	240
tcactagcag	gggcttattc	caggctgggt	ttggtcacaa	ggaaaatcat	ttagacacag	300

<210> 1273

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1273

ggaacctttc	aatcacttta	actagtcact	taaggactct	aggcccagaa	gcctgggttc	60
tgggtgaatg	tttttataca	tcactcaact	tcctcgtgcc	taaaaggaca	cctaattttg	120
ttactattga	aaatttttat	tttggtggcc	agaatacgaa	atcgggagag	gtaacccaaa	180
cagttgtctt	aggaaaaggc	agattctcag	aggcaatggg	ctatcaacaa	aatagggtgt	240
aagcacattt	gtttgtaatg	atcattcata	taatttagaa	gatttatggt	aacagtttat	300

<210> 1274

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1274

ctgggagcga	gacgggtggc	cgccccagcc	ccatggggcca	cacgggctgg	tgagacgaga	60
ggatggggca	gcaggggacc	gggacctgcg	ggcagctgtg	gtgatcagga	cgctgaggag	120
ccaggaggcc	tgcttgagg	cggtgctacg	tcgactacag	ggacagtgtc	ggcaggaact	180
ggccaggctg	gtgggagccc	gccctggtct	catctggatc	ccgccacctg	gacgctgagg	240
gcctgtcgac	gggccctcgt	gtgggaagcc	tgccctggcc	cagcctggct	gggtccttga	300

<210> 1275
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1275
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 catcaacccat aatttttacg tgctctaata tgtttcttca cagattcatg ccatgttcag 120
 tttaaaagag tcctgttctt ttaatacatt atctttgaaa tgctcttac tgaggaatga 180
 ctaaacttct tctgaaatgt gctctctgga ttgaagtcaa gagtacatgt tgcaacaaag 240
 ataatcatga ctttttagtat taagagacaa ttaccagatt gagtgtact tagaaaagtt 300

<210> 1276
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1276
 aaatgctgaa tattggtaac aagcaacagg ggaaacaagg cagtctgagc acacagaact 60
 caagtcctcc taatgggatc ccagaatgcc catggaggaa gcagcatgtg cactgtgctg 120
 agtgcctgagc aggatttcaa gagagcaaag gcagagatgc tggacagggc agcacaggag 180
 gacgagtgtg catggctact ctgagcaggg ctgggttcctg ggctgggttg agcacagcat 240
 ggggaactga aaggcagaca ctggccaaga aagtccttgt gcagggcttc agaagtgagc 300

<210> 1277
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1277
 gttactttct ttctcacaca aaggaaaaaa gagactatct ttaggaaaca ctgcttttaa 60
 tcattcttct tgaatattaa ttctctgttg ctctctccaa aaatggagaa aataatccct 120
 accctcatag gcttattata aggctcaatt atgataatgg tgtgaaaact ttgaaaatta 180
 gacttcagag aaattgagtt aatctgggat tatttatcaa tgccttagta accaaaagtt 240
 taaaatgtgt tttgtctacc aactggttgc atgtacatgg ttaatccaaa aggctcagct 300

<210> 1278
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1278
 agacaacggg aggggtcagg tgtagtgagc aggagatgac catcctcaac ctgcgccaggc 60
 caaatctcaa cccaaacaac aattgttatt tttgtacatt cccttccaga cccatttgc 120
 gagctctact gcattgccta tttgcaaata ctagtagcac aagaggacaa ccacaaacaa 180
 cctgacattc gaagtcacac aagcgcaagt ttttcccatc atgcctagtt ggcaatcatc 240
 ggctgagcag taaatcagaa ttttgtcccg aatgttactc acctgttagt cgcagccctc 300

<210> 1279
 <211> 280
 <212> DNA
 <213> Homo sapiens

<400> 1279
 gaggagttaa attttgaagc tctttgagaa aggtaccttt tcttaacatg ttttataaat 60
 aaaaatacaa tggcttattt aaaatgtccc tatgcatggt gaaatgttaa ataccaagtg 120

gatgaatggt tctcaaatat attgtaatgg agaattatct acatgcatct attgtttaaa	180
ctaataagta aaatagactt cctttttctg ttctgtttta aatgtgcact aaaattacct	240
gcttgtgggtt aagcatgggc tggacagttt attgattttt	280

<210> 1280

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1280

ccttgaattc ctgggcccac gcaattctcc cacctcagcc tcttgagtag ctgggactac	60
aagtgtgcac caccatgcct ggctaatttt ttgaattttt gtagtgatgg gatctcgctc	120
tgttgcccag ggtgggtctcg aactcctggc ctcaagcgat cctcccacct cgacctccca	180
aagtgtctggg attacaggtg tgagccacct cgctggggcc ccttctcca tatgcctcca	240
aaaacatgtc cctggagagt agcctgctcc cacactgtca ctggatgtca tggggacaat	300

<210> 1281

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1281

cagtggcact tgggacttct atggcagctc tgtttgtgaa ccagatgatg aaagtggcta	60
tgatgtttta gccaaccccc caggaccaga agaccaggat gatgatgacg atgcctatag	120
cgatgtgttt gaatttgaat ttccagagac cccctctta cctgtgtata acatccaagt	180
atctgtggct cagggggccac gaaactggct actgctttcg gatgtcctta agaaattgaa	240
aatgtcctcc cgcataattt gctgcaattt tccaaacgtg gaaattgtca ccattgcaga	300

<210> 1282

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1282

acacagccct gggcaggaag ggaggcagga agagagatcc tcaggggctg ggctggagga	60
gcaaagccag ccaaagggga gtgagagggc agtcaagcgc ctagaagcca aggaacccca	120
ggaggatggc atcgggcagg tgccctctgg tgcccagaga caaaaagatg tgtgggaagg	180
tgacagaatc aagcggtaag gtcagtgcct tgagggagca ggcaaccacc agcctccagt	240
gacacttgcc ttccacaggg atcctggagg tccccatttg ggaaggtgga aaatctcagt	300

<210> 1283

<211> 296

<212> DNA

<213> Homo sapiens

<400> 1283

gtctgtgat aaaatattta accccaagaa agtgaaaact aatataaaat tagaaagacc	60
tatccaaatt agacagtcaa ttccattaaa ataagaagtg agaaaaacaa tgttgggcat	120
tgaggtgtaa attttgccca gatgtatacc cagtgtgaaa tatcttctaa taaaaatata	180
tttggtcttt atccctgcac atgtagaggc ataaaaattg gtaaacatgt cccgctgtgt	240
agaactttta aaaaaaggca tttttgaaag tgttgagtgg cactgataaa ctggtg	296

<210> 1284

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1284

cgtctacatc	caggcctccg	agtgacggac	ctgaggtgtc	tgtttcctgg	gcaggcctga	60
tgctcctgtt	tgggtccagg	gcccctgggg	gcagaccggt	gacccctacc	agtgggaagcg	120
agccatcgag	ccattggcag	aaatcctgct	gaatgtcatt	cagaaacctc	agcccatggt	180
cgccctcctg	tgccctcttc	ctgccggaaa	gccctgcaac	attctagggg	tgggggcagg	240
gccatccacg	gtttctgggc	agagccatgg	tggcaggaga	gagatggctg	aagcctgagc	300

<210> 1285

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1285

atcaccttgg	agctccttga	gtgagttctg	atcaagccat	tacactcttt	tcatgtagac	60
ctgcctgtaa	gtgtagacat	gcacactcag	ctgaccttac	tgttcaaaag	ctggagaaaa	120
agaaacagct	ttcatacagt	gcaaactgtc	tacgtctatg	taaaagaatt	tgagaaacat	180
ggcagtagcc	attgctaatt	aatctgggta	tgtgtaaata	gtttaacttg	atttttgact	240
ctgggtgttg	gatctatttt	aagatcgatg	gagttaattg	cttcatgaca	gttcttatga	300

<210> 1286

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1286

cggacccatc	ggagcgtaac	ctggatctcc	gcaggcctgg	cggaggccgg	ccacctggag	60
gggcattgct	tgggttcgct	ggtagcagag	gagcttgaga	atgttcgcat	cttaccacat	120
acagttcttt	acatggctga	ttcagaaact	ttcattagtc	tggaagagtg	tcgtggccat	180
aagagagcaa	ggaaaagaac	tagtatggaa	acagcacttg	cccttgagaa	gctattcccc	240
aaacaatgcc	aagtccttgg	gattgtgacc	ccaggaattg	tagtgactcc	aatgggatca	300

<210> 1287

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1287

ggccatttcc	ccagcaatta	cttagataat	agggggactg	ggttgggtgg	gaggaggtgt	60
tcattctctc	taaaccatcc	tgccctgaac	cgccattcct	tcttccatct	ccagagctgg	120
gctccggatg	gggaaggaaa	aggtctgggt	gcctaaccac	ctccttcctc	atccaaccct	180
gaaaccccca	ggatgtggaa	gaaaaacagg	tagcattttg	ctttcataat	gcaaagacct	240
aaagatgcat	ctgtgtttgt	caggcatgta	tgcatgtgtg	cctgggtgtg	cacatgtgcg	300

<210> 1288

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1288

aacatgaggg	ccctctatgc	cagaagtga	ttcatctcac	aaaacatgtt	gactctagac	60
tggtgcctcc	tccagctact	actaccccca	ttagtcacct	agtaaaaaat	gacgacattt	120
catcacctgc	acatgaaccg	ctttcccccc	atttcttaat	catgaatttc	tgtgtcttaa	180
attattaatg	gctaagacta	ggctctggcag	ttaatttctc	tctcctggat	ttttggccca	240
actcgagtat	ttttgaaaaa	ccgacacagt	attttagggg	agcccaaaaa	ccatgatggg	300

<210> 1289

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1289
 atggaatgtg cgttccaccc cctgttcagt ctcaccagtg gggcctgccg gctggattac 60
 cgcagaccg agaacaggag cttctacctg gccctctaca agcagatgag cttcctggag 120
 aagcgaggct gcccgcgcac ggcgctggag tactgcaagc tcatcctgag tctcgagcgc 180
 gatgaggacc ccctctgcat gctgctgctc atcgaccacc tggccttgcg ggcccggaac 240
 tacgagtacc tgatccgcct cttccaggag tgggaggctc atcggaacct gtcccagctc 300

<210> 1290
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1290
 ctggctcaggg tttgactcag gaagctgagt tccagcttgt ttccttggca gcactgccaa 60
 agagtttagac caagctgcag cttttgaggt gaaaggggat ggaagaaagt actgttactt 120
 ttccacttag aatttttgga ctttgttctt aatgaatagg ttcattttca atttcaaagc 180
 aaagtgttaa catttttgaa atttgtctca attctaaagg ccaaacttaa atatgtctcc 240
 tcctactggg gcatggagca agttattcat caaatacaga ttctcgcatg gaaaagaaag 300

<210> 1291
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1291
 gttttataca ttttatgttc tttgcaaaac tggagcccca gaaagaatac aaagtgagct 60
 tctgttccca cttctcccag aatagcctag gatgggcaac catgtaaaat tcaataaaaa 120
 tccaaccttc taactaactc gtggtgttgg agagtattaa gcatttgaaa agttcaggta 180
 gaattttcat cctttttgag ctctttccta gctgctttgc tgtgatatat ctgtcactcc 240
 agatgagggg gtagtggtgg aaaaggaatg cattctcaga ttcattgttg gtagttcaaa 300

<210> 1292
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1292
 aggtaggcac ctggcatgtc agttgcctga atttgaaagt tttcacctgt atgttttggt 60
 acgataaaaa taaaaatgta atttatatat ctgaatcagg tctgtatgtt atgatcaatt 120
 gctcagcaat ttcgggcagt tggtttgatg gttatgtagt aatgtagcct gagagcagaa 180
 atacagagcc tctgggctag agaaagtata aatggcatcc taggctatgt agggttacag 240
 ctcttcagaa ggaactttca ttttcattgt gacacatcgt ctacatgttg tagaagaaca 300

<210> 1293
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1293
 gttgtacca taaagtttgc aacctacagc aatagccagt caataaagga aatgatgctg 60
 atgtagcatt tatgagcctt aaaaaacaaa caaaaaacct taagatgtta aatttattcc 120
 aaggattctt tttttttgtt gtacatgaat gttcatatca ggtttatttg taatagccaa 180


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aacagtatac acctgaatgc ccaccaacaa gtgactagat aagcaaagta cggtagatgg 240
atatgatgga ctacctcaga gcaataaaaa agaattggact attgatacat gctacaacat 300

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<210> 1294
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1294
gtttccttct gttgtcctgt gcattataat atacaaaata acttattttg atgatcagag 60
gtcttgaggt cttgacctct tgacatatac actgaaaaaa atggggggtg tatgtatgtg 120
tgtcctaccc aaacctgtgg ccgccacttt tgaattctca gattgccctg aattttgcca 180
cttttaaata atgtgctgaa taagctcagc aactaaaaac cattacccaa gaacgtttct 240
tgtgagttag ctgatttatt ctgattcatt atattccttt tggtagattt tatacccctt 300

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<210> 1295
<211> 300
<212> DNA
<213> Homo sapiens

```

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<400> 1295
acggagttga gttgctaact tttttccttt tcttcagttt ccagatgagt ttagcagtaa 60
agatgctttt cccaggcaca aattgggaat ggaaatcacc tagttccgtt ccctctgaca 120
gctgtaatcc agagagctaa gctgcttact tcattagctt ggtataagct gacgacagca 180
gtgcccttgc tttatatattg tcagagctag gaaataagcc ttcttttttt ctgctgtaat 240
catagttacc cttgaactga aatatcttac atttattctc aagcaggtag ggagaggaga 300

```

```

<210> 1296
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1296
ggttcataaaa cacatggcta acaaagtaaa gccttcaagt ctggcacaga ctcttgacta 60
cacgatggga aaagggattc caattacgat ttaacttgta ttttaaagat gagaaaagaa 120
atgaataaga aaattttgtg ctatttttct tcttccaaat tagaatctat atctctaaaa 180
atactttgca tgttttagtaa acatccatct tgaacagaag ataccttgac atcagttcta 240
tttaataact atggcaatta agagatttag aaagcagagg aaaagaccaa aaaaaagtat 300

```

```

<210> 1297
<211> 289
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... 289)
<223> n = A,T,C or G

```

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<400> 1297
gagacatggc tgtctcaaga ctgttttgtt tcccttcctg gtggaatttt gcacttttat 60
gtcctgtgta gcagcaggta gtgtggcttt gagaaaataa aatggccacc ttgctccgct 120
gttcttttct tgtaaaaaaa aaaaanccgc nnaacaatnt tggcctttnt agctnggnaa 180
ccccnggccg gncaatccct nctnctctcn aagcctcggn ttctccctct gaaaagtaaa 240
gaaaataact cctaaactgc ctcccnaggc ttgctggcag gatccaagg 289

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<210> 1298
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1298
 ttttcttgca gttactatgc tgtccttcct atcactacct gttggctgag gtagtgatag 60
 gcctaaatga ttcattatct taaatgtact aaatatgttg agtaattttt tcttctaaac 120
 taacagaaag agagaacctt ggagttactc ccttaggctg gttaaagtga aaggtagcca 180
 agtcaaccca gcttgtttcc ttctctcatt aggaaagaac tattgttcat tctcataaca 240
 cactttttcc aattgcaaac atactcaggg ttaaaatagt ttagcacaaa ttgcagccca 300

<210> 1299
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1299
 gctgcttcct caagaaaatg aagagggaag gatggctcag ggaaagtaaa tcagagggaa 60
 aatgtcactc tgtaaagagt aaaaaattta ggatgatgat acgatctggg aaaaaaaggc 120
 atattgaaga ccacttaaaa acaaacaaaa aaacctatga aggtgcatgc tatttcccca 180
 gagctaaaaa gataagtga attgtgtttg aactcttaag tggaggtgaa gcagaattta 240
 ttagccacca accacataag tgattatgaa gtaactgaga aacaggtaac attttttccc 300

<210> 1300
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1300
 cttgggggtga gtctcatctt caccctttca ccaactgtcc tggtaacaat ctcccttcca 60
 tttccttggt cttacagcat accccataga atcaagcctc gttattgcca gggctgaact 120
 gacttttttg tttttgtttt tgttttaagc agtaccattg tgcaccttgg gaaaattcct 180
 gtgttgatct aattttacca tattcttcac tccactgacc actccaatta ggatactcct 240
 ggcactcttg gttttagaga ggcttagata tgtggctatt tatccttttg tcttcagcac 300

<210> 1301
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1301
 aggaagctgg ttgagaagaa gaaggaaaaa gtcgattcta ctgactgacg tttccccctg 60
 ctgttaagaa tccaaccac acactttcac acactattcc aggttctggc tactgaatga 120
 tcccacagct gaggtctatt gtcacgctc cacttctatt ttagcagca ctaaaaacat 180
 tccccaaaaa aatgtttttt agctttttta ctgcgattca ccactaagaa attggcattg 240
 gaacagtcca cagagcttat tcaaatttca ccatttttac atgcactcat ttgtgttgca 300

<210> 1302
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1302
 ggtacacgaa gaggtgataa tgacagccac caaggagatt tggagcccat ttagaggca 60
 tctgttctat cttcccatca taaaaaaagc tctgaggaac atgaatacag tgatgaagct 120

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cctcaggaag atgagggcct tatgggcatg tccccctctct tacaagccca tcatgctatg      180
gaaaaaatgg aagaatttgt ttgtaaggta tgggaaggctc ggtggcgagt gatccctcat      240
gatgtactac cagactggct caaggataat gacttcctct tgcattggaca ccggcctcct      300

```

```

<210> 1303
<211> 299
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (299)
<223> n = A,T,C or G

```

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<400> 1303
gtgctgtctt tcctgagccg ctacagtaaa agtgaagaca tggaaaatta tcccagatgg      60
gacgaatcgc tcattctctg ttcttttttt aaaaagaaaa gatttcagaa aaaaaaaaaag      120
tcgtcttttt ctttaaaaca gtatgaataa aatctggaca gctgtcgaaa aagatatgcc      180
gtctgcattt ttttttaatt tctagccacc accataacta aatagcttga atagaacctc      240
ttttcttttt tttcccttc atacataang atctctactt cnttaaaagc gtattaatc      299

```

```

<210> 1304
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1304
gattcatttt tgtactagtt aatatcaact ctttctcaga agtagtcaaa atataaatag      60
gaagtcttct aaaagtaacc caggagcaac agctgagcag tgccagagtt gtgaggtaaa      120
catcaatcat ttcacaaatg ttctgacttg ttgagcagtg ttcatttcca ggtttcaaac      180
ttaaagtatc tattaagcaa tcttaaaaga aagaacaccg ccttaggaaa aaagagattt      240
gccaaactct tcataacttc ttcaataact gcttagcaaa cactcttgag tgtcttctat      300

```

```

<210> 1305
<211> 298
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (298)
<223> n = A,T,C or G

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```

<400> 1305
ttgctctatg tgatgtttat tatcaaatac atataatttt gaagatttta atgaatggct      60
taagatttta tctttgtgta gaatgtggct aaagaaacct tagttgagat tcaagaagtt      120
ggtgtctggt tctgattctt atcacaaact gctacttagt gtctaccaag tctccacct      180
ctttgtctct caaagagctg tgaacactga tggcaggagc cggcaccacn ccacnnaact      240
agaganennn ncanagctgc catacnggcg atcnctgacn tcanacttcc ccctctaa      298

```

```

<210> 1306
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1306

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gcttctcggt	ccccaggggg	ccgcttgggc	tgttggtctc	cagagcaggg	ccactgggca	60
ctctgtgatg	ggggagcctt	tgtctgaaag	cacagccccc	tgcgccctcc	tctccccatg	120
gcttccccct	cattggcatt	aatctgggca	ccagctctct	ccatagcagt	gacttccttc	180
accactctca	tctctcagcc	ttgccttttc	ttcctgacac	tgtcgccccc	tcctctcagg	240
agacactgcc	gagggccacc	tggcagaagg	ctgagttagg	cagcagggcc	gggagcgtct	300

<210> 1307

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1307

gtttgttttt	cctgagacaa	gaaaatcgca	ttcttgttta	tatttgaaga	tagcaacttt	60
tagccatcat	gtgaaatatg	gttattgttt	ctgtacacct	ggaacgttgt	agtgcctgat	120
actgagattt	tggaaacact	gaagaattat	agcattataa	gaattttaaa	tttatgagaa	180
aatctgagac	aggggcagag	atggctgatt	ttgatcttgc	tggatcttag	accatgagaa	240
tgacaggcct	gaagccctga	aatctcacct	caggggtggag	tgtcagactt	ggcaactttg	300

<210> 1308

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1308

gcatttttaa	tttttgtcag	tgtccttcat	gtctcagctc	ctgtcttcca	ataattttct	60
gaaaaaggta	atgtgttctt	taaatgtgtt	tataaaaagg	tattctgctg	tctccaagga	120
actgttctca	accagtagaa	gtagcttggg	aaatggctca	tgaaaatggg	aggcacgcct	180
ttaaagataa	tagaacaaga	aagtacgttt	caccatgaaa	agccgttcgt	catgatctac	240
tgagatggaa	cataatgtaa	actctgtgac	tcagtgggtt	cattcttaag	tgttgtgtac	300

<210> 1309

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1309

ttttgacatt	gttacaagta	agcagcttta	ttggttcttt	tacttacgtc	tttaaataata	60
tggagcaaca	gtacggtcag	tctgcatctc	atgctaactt	tttgttggga	atcataacca	120
ttcctacggg	tgcaactgga	atgttttttag	gaggatttat	cattaaaaaa	ttcaaattgt	180
cttttagttg	aattgccaaa	ttttcatttc	ttacttcgat	gatatccttc	ttgtttcaac	240
ttctatat	tttcccta	atc	tgcgaaagca	aatcagttgc	cggcctaacc	300

<210> 1310

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1310

ggacaagtcc	aagaaactgg	cggagcaggg	tgcagccatc	gtctgtctgc	ggagccaggg	60
cctccctgag	ggtcggctgg	gtgaggagag	cccttccttg	cacaagcgaa	agagggaggc	120
tcctgaccaa	gaccctgggg	gccccagagc	tcaggagcta	gcacaacctg	gggatctgtg	180
caagaagccc	tttgtggcct	tgggaagtgg	tgaagaaagc	cccttggaag	gctgggtgact	240
actcttcctg	ccttagtcac	ccctccatgg	gcctgggtgct	aaggtggctg	tggatgccac	300

<210> 1311

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1311

cctgaacctg	cccatggaga	cagttgtggt	gagggttgcc	acacacagtg	agggcggagc	60
aggggtggctg	agggcacagg	tgcttgggtc	tgccccacgg	ggcagggctt	tggggctgtg	120
atgctctggg	aagccagctt	gggtcctggg	tctacagagg	gccctggccc	cggagcccag	180
ccagctctgc	ctctctcagg	gcctggagtc	ctgggggagc	tcagccagct	ctgcctttct	240
cagggcctgg	agtcttgat	gaatcctgca	ggtttttggt	tgcaccggcc	cagggaggaa	300

<210> 1312

<211> 132

<212> DNA

<213> Homo sapiens

<400> 1312

gatcagtgaa	aaacattagt	atacgttttt	aaataggcta	atTTTTcaac	ttggatcatt	60
aggcttacgt	actacttggt	tcaaattgtg	caaatacaaa	aatggtaact	aggttgacag	120
atactttgta	tt					132

<210> 1313

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1313

aatgaagggt	ggggagaaaa	gaaagcaatt	taggagactc	tataggggagg	aaaggatgag	60
atgcatttca	gaaacaaaat	attaacgtaa	acagaaaaaa	gagaaagcaa	tcatgacaaa	120
gcctaagagg	gctagtggaa	tgctagaatg	aactcattta	ccttcctttg	atatttaggg	180
gctctattgc	ctgctaattt	catcactgtt	atTTTTctta	cctcttatct	ttttccctgt	240
agttattatc	agcctaatat	tcattcattc	attcattttac	ctgagttttc	aggcttgtgc	300

<210> 1314

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1314

gtgatatgaa	aagcgaatgc	accattttctt	ggtgatgatt	caggtcagcg	ttgggaccca	60
ggaatctcct	gttaatcagt	accctgggtga	ttttgatcca	ggtcatcaag	accatggctt	120
ccatcgtagg	cagtcacact	ctttctctct	tggatcattt	gctgtgggga	agcaaactgt	180
catatgagag	gacactcaaa	cagcctctgg	agtctcattt	gctaaggaa	tgaggactcc	240
agcctgagaa	ctcaggcaag	taactgaggc	ctgccaaaca	ccatggagaa	agcctggaag	300

<210> 1315

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1315

gctaagggtta	aatagtatgt	attcctttct	tacagttttt	actctaagat	agctatttcc	60
tcagtgttaa	ctcattaaat	tacttgataa	gaaccagctt	tatattgtaa	gatgtgtaag	120
cagtgggagc	aatgggtgaa	atagcctttc	tattttattt	acccaagtct	gtgtactcct	180
catccttacc	agggccccta	actgatcttt	ccactaaatt	atgtgtgtca	cagcgaaatt	240
aaaattactc	ttccaaagtg	caactctaat	catggcactt	aagggttttt	cctttactta	300

<210> 1316
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1316
 ggtagcacag gcctgccctt gcacccatgc tgtacagtgc gggtactaga cttgtggccg 60
 ttgttgtgct gtcttctcat tagcatgcaa tattcacttg actgaattcc ttttttagcta 120
 agagaaatat tacagggcat gatcatttta gggtattaag gtgtctaact caatatgtaa 180
 actgctgaaa agaattatat gtttttatca gataatctca acatttcaaa agacaacaca 240
 ttcagactac tcccctttcc cccaacttt tatctagtgt ctgaaaccac atgactagtg 300

<210> 1317
 <211> 55
 <212> DNA
 <213> Homo sapiens

<400> 1317
 gcattcctgtc cttgggaacc aatttctcat tattgtcagc cggtcagctg cctgc 55

<210> 1318
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 1318
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 gggtactcca ttctgctatg acaacttggt tcaaagtta atttacatag gattttttat 120
 aagccattaa ggcatatgta tagtatatca gtaaagatgg atgggtgcata tataaatagt 180
 cttctgtaat agtgattgga tttacttctg gattatnaga gactcaaaat nttccccanc 240
 ctgtctctat cttttcncag gttgatccct tgtcatgatt tttcattacg gtggttcagg 300

<210> 1319
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 1319
 cctcatcagc aagccagtga gaggggtgct atccgaggat gatattncat cacctctggc 60
 agattctgct tactagtcag tccccaggcc caggccactc gcaaggggag gacattacag 120
 gaggcgtgag tatagggtgg gtgatctgtg gggaccgtcg cagaggctgc ccaccacaag 180
 gggttaaaac ctataaaact tcgaagttgg atttaataat tttcaattac taggaaatag 240
 ataaaaaaca attttctgtc cttcacagaa cactaaagta tgtattggat tttttatccc 300

<210> 1320
 <211> 300

<212> DNA

<213> Homo sapiens

<400> 1320

gtacaactct	taaagctttc	tacattttac	atatacagtc	atctctcagc	atccgaggaa	60
gattggttcc	aggatggctc	aaggctcctga	tataaaattg	cgtagtattt	gtatataacc	120
tatgtacatc	ttctcgtatt	ctttaatctc	tagattactt	ataataacctg	atactatgta	180
gatgctatgt	aaataattgt	tatactgtat	tattttcaaa	ttgtttttatt	gctattttta	240
ttgcttttcc	ctgaaatatt	tttaatccac	agtaggcgga	tgcagaacct	ctttatacgg	300

<210> 1321

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1321

gtgaattcct	cagcaccaag	ttgtttaaca	cagaagagag	gtggaaacaa	aaaatgcttg	60
gattttactg	gctttctttt	agcatttctg	tctagtcgaa	atggggggcca	ggcttgccaca	120
catagacaac	tgaatgaatg	taaccggacc	tattccatct	aggctgacct	cttgaaagat	180
aggaggggaa	gtctaaaaca	ggagaaaagt	tttagaaatc	ctttggatta	ggcttaccaca	240
gattagtggg	atgtaaaata	ttatgatatt	cttagtggtt	caggattatg	gatttttaagt	300

<210> 1322

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1322

taaacatcca	gatgtgtttt	gatagcctgg	ggtaattaag	gttgaggaca	agtgtaccag	60
atcaaggaga	ggaacccgtc	ccatgcctgc	cgtgtgttca	ggtaggctaga	cttggtgttg	120
catctgttag	ttccactctt	agtacatcat	tgtgctgtga	gggtgcatta	gccgccgttt	180
aatttttctt	ttgttttttag	agacagtgtc	ttgctctcac	cccggcttaa	gtacagtgc	240
atgatcatag	ctgactgcaa	cctcaaactc	ctgtactcaa	gtgatcctcc	tgtcttagtg	300

<210> 1323

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1323

ctcgagtttt	cttatccagt	tgaggccgcc	ttcgtgttac	tcactctctg	cctcccaccc	60
catcttctgc	cacccgacct	ccatctttga	tggttagcgc	cttcagccct	caacagcttc	120
gcacaaccaa	cccctagaag	ccgtggagtc	agaccggcca	gggtgggacc	taggttttaa	180
ctcgggttct	ggctacacac	gctgcgcctc	catacagttt	gtcccagggt	tggcagcagg	240
ccggctacct	tcagggaattc	tttgctttgg	cttctgtctg	ttcctgtctg	ttgggcaagt	300

<210> 1324

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1324

cgccgggctg	cccagcctgg	ctctgtctac	actggccgag	tctctgggtc	tgtctacact	60
ggccgagtct	ccgactgtct	gtgctttcac	ttacactcct	cttgccaccc	cccatccctg	120
cttacttaga	cctcagccgg	cgccggaccc	ggtaggggca	gtctgggcag	caggaaggaa	180
gggcgcagcg	tcccctcctt	cagaggaggc	tctgggtggg	gcctgctccc	catcccccca	240

agccccacca gcactctcat tgctgctgtt gagttcagct ttaccagcc tcagtgtgga 300

<210> 1325
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1325
ccttggggcca gaccctttcc cctgggggtgc tgatttcaca cctgtaaaat gaagaagttt 60
gacttgccaca gtgcttttct tagactgtgg taaggggtgg atgtgggggt agtgccaaga 120
ccaagtgaaa gaggtctctg gacctccatc cttgcttcag ccagagcagc gtgggttcat 180
ttcatttttg gattttgggt tgtgggaaga aagggttctc ttgccggtgt gtgtgtttct 240
gataaaca aa gaagtgtgga agtggctgaa tgagatgacc caaggactct ttctgggaag 300

<210> 1326
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1326
tttagagaaa gctggtagct aggctgttca aggaagggcc tctgtgagaa aggggatggt 60
tggctgggtg tgggtggttca cgcctataat ccagcactt tgggaggttg ggagtttgag 120
accagcctga ccagcatgga gaaaccccggt ctctactaaa aatacaaaat tagcccgga 180
tgggtggcaca tgctgtaat ccaggctacc tgggaggtg aggcgggaga attgcttgaa 240
cccgggaggg agaggttgta gtgagccgaa atcatgccac tgactccag ccgggcaatg 300

<210> 1327
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1327
cagctactcg ggaggctgag ggcacaagaa ttgcttgaac ccgggaggca gaggttgag 60
tgagccgaga ttgtgccacc gcactccagc ctgaatgaca gagcgagact ccacctaaaa 120
aaagtaaaag aaaaaaaaga ggaagaatta gcacatttct attacagaat tggacttgaa 180
catgcaaaat catgtctgga tttctcagtg aaaagctgtt ttacgttagt ggactcttct 240
aacattttga aatgggtgatc tggatttggg atctggctat cactgaccca ccttgggtct 300

<210> 1328
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1328
ggcaaggagt ttgaatttta ttcaagaatt ttattcaaga attttattta ttttattctt 60
gaattttatt caagaataat ggctagccat tgaagagttt aaagtaggga aacagtgtt 120
tcttattcac attttgcaaa gttctccatg ggctactatg tgaataatca gtccaagggg 180
gaggtaaagag tagaagttgg gagactagtt acaaagtcac tgcagtttgg agattatggc 240
accttggact gtaggtgata gggatggaga tgacgataag tgaatatatc cagaaaaat 300

<210> 1329
<211> 294
<212> DNA
<213> Homo sapiens

<400> 1329

gtcagaatgg	ggaaagtggc	aggatgcagg	caaacatggt	cttaatttag	agacacgatg	60
aaggctcagg	actttcctag	gcagataaaa	gaagaaagaa	gctgcttttt	gaaaagaggg	120
atcaagatta	tgacaaaaag	ggagattcag	ccatcagcag	aacccaaatg	agagcctaca	180
aagagacact	gtctactcag	agtacatctt	cagacatcca	gggtcccaag	ctactgtgtt	240
tactgttagc	ccttatccat	tgttatgtct	tactgcttta	taactcttct	ttaa	294

<210> 1330

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1330

gtggatacct	ctagtgcatt	ttataagcaa	tatcgtttac	aaaagggttac	agagaagtat	60
ccagaattgc	agaattttacc	tcaagaactc	tttgctgttg	acccaactac	cgtttccaca	120
ggattgaaag	atgaggttct	ctacaagtgt	agaaagtgca	ggcgatcatt	atttcgaagt	180
tctagtattc	tggatcacccg	tgaagggaagt	ggacctatag	cctttgcccc	caagagaagt	240
acaccatctt	ccatgcttac	cacagggagg	caagctcaat	gtacatctta	tttcattgaa	300

<210> 1331

<211> 298

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (298)

<223> n = A,T,C or G

<400> 1331

actttcaaca	tttcatggat	agaataagta	atgggtgggtt	agaagaagga	aaacctgggg	60
atctagttct	tagctggggg	ggacaatttt	gaagctcgaa	tgacaataaa	taccagcttg	120
gaatgaactt	ggaacaaaca	tggatggaaa	tctgggggtca	agggaaaatg	gcagtttcag	180
gggaatatac	cagggttaata	aatccnggaa	aaactgnttg	gtttgngggg	gnctccacca	240
cttggaagtt	gctgnaanna	ttgatgnaaa	gaactctgaa	annaaaaggt	gttggggca	298

<210> 1332

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1332

aggatatggt	gcactagtgt	ttccttgtga	ctggaatatt	ctctgcccc	actttgaaag	60
gctagttagt	tactttctcat	cattcggggt	taggttaagt	gtttcctcct	tagagttctt	120
ccttgattta	tcttcccccc	agtctaaagt	gccagtcaca	ttaatctggt	ttatttctcc	180
atacagcact	catcactgat	tttttaaaaa	tctattttgc	catctttctc	tctcactgga	240
atattatgtg	ctcatgaaga	agctccttgg	ctattttgtt	cctgatcgtc	tgcgctgcat	300

<210> 1333

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1333

aaaaatttta	tggacttcta	tggatatttc	ttgatgctta	gagatttggt	tttttaattg	60
caaatgtgaa	tagtctatct	acaaatgcta	ttacatatgg	agcgggcctg	tgggtgatgg	120
cactatttct	tggactaatg	gtacccaggt	tccatttctt	gctcagctcg	gaggetctag	180

acaaagcccc taaaatgctg tctgcttcag tctccttaat ggtgaagtgg aaatgaatac 240
ctactgtcac ttaactcatg gagatgctgg actgataatt agatcatgta agagcacttt 300

<210> 1334
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1334
ggattttctcc tccttcgcg cttttctgcgt gacactggct gtcagctctg ggctgggctt 60
tctggggggcc acacagctgc tgaggcggcg ggttgaggcg gcccgaaagg acccaggggtg 120
ctcaggcctg gttgtggata gcggcctgtg tggagaggag ctgcttgtag gcagtgagga 180
ggcggacagc atcaccttgg gccggatatc ccggcagctg gcacgccatc ggaacttcct 240
gtgggttcgtg agcatggacc tgggtgcaggt gcagtggctc acgctgtaa tcccagcact 300

<210> 1335
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1335
caagaagaaa catggcggct atccttctct cacatcgaaa aggaaatfff gaacaatcat 60
ggaaaatcta aaacgtgctg tgaaaacaaa gaagagaaat gttgcaggaa agattgttta 120
aaactaatga aatacctfff agaacagctg aaagaaaggt ttaaagacaa aaaacatctg 180
gataaattct cttcttatca tgtgaaaact gccttctttc acgtatgtac ccagaacctt 240
caagacagtc agtgggaccg caaagacctg ggcctctgct ttgataactg cgtgacatac 300

<210> 1336
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1336
aaagcctaac tagttatgat aaatgtatcc gtaagtaaag taattaagcc agtttgggggt 60
tggcagagga attgtgccag acatctgtgg attttgcctac ccagcagcat tcgctcttct 120
cctgggtgtg gggccccagc cctgttgcta ttacctggaa ctaaagggtta agatgatgggt 180
tcaaagatga agccaccatg gaagagagca tagcggacag atggagagaa actgcatcca 240
ggtgacccca tttgtactaa acctgggttac ctggtttttc tttagtacat atgccagttt 300

<210> 1337
<211> 292
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(292)
<223> n = A,T,C or G

<400> 1337
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aaaatactgg aattattaaa acgtatagta tgctagctat cctttttaa atgtgctaatt 120
ctcttcttct gaaattatgg tcacactata tactatagca tttcgggttt atcctttgat 180
aaaacttttc ttttttcttt ttttttttga aacaggggtc naccctgtcg nanaggctgn 240
agngcagggg caaagnctcn actnantgca gccttgacct ccnggnccca gg 292

<210> 1338
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1338
 caaagtcata ccaaaacttc acttaagagt ccctaccctt actccagtgc ttatttcatt 60
 atctagcaga atgtaccttt atttgattca ctatttacca ctgattaaag tggagcgtct 120
 gtggagttat acgttacttt gtagactttt gtctagtga atacaaaaga caaccccaaa 180
 gggtataatt tttttgccta tagaacattt caggaaacag gagtaggatt tttgtctata 240
 atatagcaaa cttgcttcaa cataccttcc acaacttaca aatgctcttt gaaccagcct 300

<210> 1339
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1339
 gcatttgccc cattggccgc attctgctga cccatcacct tgggtgctttt tctgcttttt 60
 ctctgttgct ctctgtgtgt gttcctttgt cctgatcctt gtcaccttgt ggggtccaaa 120
 tggttccact agcctcatgg agcctggcct tacattgcag agtccaaagc aggagctgag 180
 ggaaaatgaa aaacaacttc ttcatacccg gaagcccagc aaacttctcc ttaaaaatca 240
 ctggtcaggg ctgggtgcag tggctcacac ttgtaatgcc agcacttttg gaggctgaga 300

<210> 1340
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1340
 ccctcacgag acctgcctca ggccatggga cagttgcaac agcagttaaa tggactgtca 60
 gtcagtgaag gtcacatct tgaagatatt ttgagcaaaa gtaacctgaa cccagatgcc 120
 aaggagttta ttccaggaga gaagtactga gccgagaaag ctttgaggaa gacttgtctg 180
 tccccacatc tggggatagt aatgcacaaa atgggtggagc tgaagagggg gatggggcgg 240
 gcgagggggtg cacagcggga aggggagtggt tggctctaca atactgtgac tctgagtaac 300

<210> 1341
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1341
 ggccttccag atcgtgctgt cccacctacc tgcaccgccc aggccttcca gatcgtgctg 60
 tccccctac ctgcacatct gccacagctg gccctgggccc caccacacga agggcctggg 120
 cctaaccctt tggcctggcc cagcttccag agggaccctg ggccgtgtgc cagctcccag 180
 acactacctg ggtagctcag gggaggaggt ggggggtccag gagggggatc cctctccctt 240
 ggggctgccc ctgtggaggg ggatcccgcc tctagaacta tagtgagtcg tattacgtag 300

<210> 1342
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1342
 aactgacctt agcctcagtt tttcagatct gtagtactta ctttacatga ttgctctttg 60
 aattgaataa cataatttat gtgaaaacac ttaattatga atgctgtaaa actatcaaag 120

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ccattaatat gtgttatagt agcatcatac attttgcagc ataatccaga gaacaaggag      180
ttgttaacaa gggagaggaa gataatctgg ttgggctagt attatactct cagggtgctac      240
tgacttctta gatgaccttc aagatgttag tacaactctc tacttgagga tgctattttc      300

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<210> 1343
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1343
atgttttggg aaatagcttg cgagaggtaa gaaggattgc aaagtttttc caaaatattt      60
tatgaagtta gtgaagtcag ttgaaatgtg tattttaaca tttgaaggga tacagttaac      120
atttttttaa tgagaggaaa ccattgtctg tagttcagaa ataagatgga gtgttttact      180
tatttaaggg gtaattttaa aagtaaacia aagcattggc ctacaagaga aaggatgatg      240
tggattataa gtgcttttttc taatcgtaa tattaatcaa caggtagagta tattttccgt      300

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<210> 1344
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1344
tcttgactga ggttcccatc tttcttagtt ctcttaagga tgtgctattc tattctagat      60
gcataggagg gaagttaatc cagtcttaga tcagcagggc tgagttcttt ctcaaacca      120
tagttgaaaa agcctaaata gaatttttag aaagttctat ttagaaagaa actaagaatt      180
atgattaagt tttggcctaa gcaacttaat aggcagtggg atcatttatt gagaagcaaa      240
tcagataaga agcagggttat ggggcttggg aggaggtaag ggcagaaagt tgggtattct      300

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<210> 1345
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1345
ccgatttaca gattgaagcg gtaaattagt ggttttatgg tattttctgta aacagggata      60
aagtggaccc tgacaaattc aatattgtct gaagagacaa tctattctgg ttctgttgga      120
cttcagggta tttttctttt tttgtaaaat gaaaactaca aagaaacctg acttttcaat      180
ttttatatac tgtaattttc tagaaatcta ggaagtcatt tacacatcct tatataccat      240
gagggggcaaa agtaagcttt ctctctccca aagcaaaact ctttttcctt aaggagctgg      300

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<210> 1346
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1346
ctgaaatgtc aaacacggcc acctaggcag catttacaag caagagtcca ctgctttttt      60
gatgtatatc ttaagcgccc ccagtgaatg aacagcatat aactccacat aaaaatcatt      120
aatgtgaatt gacttccaga gcaggcagtt ctgttgatg cctctggaga aggctggctg      180
aattggaatt ggtctgtacc ttctgcctat catgtacatg aggttttttg gcaaagagaa      240
ctttccacaa aataagtcca aaaattatag atcatcagac aaccaataac atattgatga      300

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<210> 1347
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1347

cttgctcatc	ctcatttggt	aaactgctac	gttaaagtgt	tcagggtatgt	ctgattgacc	60
tgctctgctt	ccgagaaatt	gatgagctaa	taaaaaagga	aaccaaaggc	aaagggttctt	120
tggaagtact	caatctgaaa	gatttgaaaga	aggagatgag	aaatttgaat	gacacccatc	180
agtctcttca	cctctaaaac	actaaagtgt	tttcgtttcc	aacagcactg	tttcatgtct	240
gtgggtctgcc	aaataacttgc	tcaaactatt	tgacattttc	tatcttttgg	ttaacagtgg	300

<210> 1348

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1348

gggatccctc	cctccaccgc	ccccccagcc	ccgggacccc	gagtgcact	ccagcctcac	60
cccctgccag	tgccactcct	agccagcgcc	agtgcgtctc	cgcagccacc	agcaccaacg	120
actccttcga	gatacgccgc	gcccccaagc	cagttatgga	gaccatcccc	ttggggggacc	180
tccaggcccc	ggcgtggcc	agcctccgcg	caaactctcg	aaattctttc	atgggtcatcc	240
ccaagagcaa	ggcctccggg	gtcctcctc	ctgaggggag	gcagtccgtg	gagctgccaa	300

<210> 1349

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 1349

aagaattgna	cgactcttat	tgatgagtgc	aaaatttttc	tatagatttg	aaagtcacta	60
ctaactatga	ctagctgatt	ataataattg	agagtaaact	tttaaaatta	ttaaataatcc	120
tgtgaaagt	ggagcacagt	aaccattaac	cctaaatttg	atactatgtc	catatgaatt	180
cagatcataa	tagtgctcta	tcatgtgaaa	ctactaaagg	atgtatagag	ttaaataatta	240
cgtatccact	ttaatgaaga	ataggtatta	cacagtaatg	gttggtttaa	aaaatttttt	300

<210> 1350

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 1350

gccctgtggt	aatccagggt	agaacaggta	gtacccaaat	tagggcatgg	tagcagggat	60
gcagaggaaa	gaagaggagt	aggaactatt	tgaggaggtg	tattactagg	atttttagctt	120
tgaagggttg	agagaaatgt	caagcctaac	tacaagcaag	gtttctagta	tcagtaactt	180
catatcattt	gaaatacana	nattagcaat	caatgtatan	ancntnctgg	gctaancnta	240
gcataaantc	tgacttcant	gtagcattga	ggagggtcct	ggcctcagat	actgcaccag	300

<210> 1351

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 1351

agatactgta tatttgaaca agattttttt ttatcatttc tatagtcttg gagttcattt	60
gtaaggcagt gtcttgactt ggaaaggatg tgtaaatggg gtgactttgt agcatgggat	120
gttgctttga gtttaactgta gtgggtgggg aggtccaatg cctccgcaa tgcccttcac	180
ctcctgtgtt gtccgtgacc ctgctcagct ccacctggg gttcagggaa ggcacacttc	240
ccagcccagc tgtgttttat gtanccgana tanagnngnng tccgattcaa nntcatncac	300

<210> 1352

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1352

gctattccga atagccccag gtgatccagc tcacaccaac gtagcaatgg aagtcagcac	60
ctctgctggg ccaaggccat gcttccccag cctgtggctg cgctctgct gtctctccgg	120
gtctcacctg ggcgaggagc tcctctggag gccaggacct gccttgtagg ggtgcccttg	180
tgggagaggc gcttgcccaa acctgctgtt ccccgggggc tccttggtgg cccccaggac	240
tggagctctc tgccagagtg cccctcccca gaggttagga ctcccatgac cctgtccctc	300

<210> 1353

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1353

gctgagtatt tttttcaagt gtatcatttg cctgttaact taaaattcta ttttccccct	60
aattctatgt ccaggttttg gttagtgtgc tctgggattt ttgaccatt ccataagta	120
agttattact actaccacta cagtaaattc ttacaagaac tttccatgtt ttttgggagg	180
aggaggagga gtagttacat tcaggatcat atacataatt gtttagcttc agttctgtat	240
ttatatatgt cacttgtaac tgactgggat acgttctgag aaatacattc tcaggtaatt	300

<210> 1354

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1354

acatggacaa cagtggcagt ctcaacgctc aggtcattca ccagctgggc cccggtctca	60
ggtccaagat ggccatccag acccagcagt cgaagtgtgt gaactggcag gtggacgggg	120
agtatcgggg ctctgacttc acagcagccg tcacctggg gaaccagac gtctctgtgg	180
gttcaggaat cctcgtagcc cactacctcc agagcatcac gccttgcttg gccctgggtg	240
gagagctggt ctaccaccgg cggcctggag aggagggcac tgcatgtct ctagctggga	300

<210> 1355

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1355

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gattccgagt gtttactaag cctgttgacc ctgatgaggt tcctgattat gtcactgtaa      60
taaagcaacc aatggacctt tcatctgtaa tcagtaaaat tgatctacac aagtatctga      120
ctgtgaaaga ctatttgaga gatattgatc taatctgtag taatgcctta gaatacaatc      180
cagatagaga tcctggagat cgtcttatta ggcatagagc ctgtgcttta agagatactg      240
cctatgccat aattaaagaa gaacttgatg aagactttga gcagctctgt gaagaaattc      300

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<210> 1356
<211> 300
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

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<400> 1356
ggcatctgga ctaatagtga acgagtggaa tagtgtgaaa ctgcatgcta cagctatgaa      60
tacacgtatt caggaaagac cccaatgatg cntganaact tctactttgg ctncctaang      120
ntgaatncaa ttcacatctc tnagaggntc accgtaaaca gntttggann ctacccttna      180
tntggacana ttgantttctc ctgaggtgga tcttgatatng ctctagaaac tangcatcnt      240
caccatgtgc tgaataanag tgnnttcggt gtaatngccg cgcacgtatg nnnacatttg      300

```

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<210> 1357
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1357
ccataagtga cttgcaaagg gcctccccca taggaaggcc tcagcaaatt ttcagtgaac      60
tcaagttcat tgattttcaa tttgtgaaat aaactagagg gcctctctga actacctgcc      120
tcatgagaat gactgtgaag tgtagtcagt ttaaaacaaa cagacaaaaa caaagctaga      180
cagcattaca ggtttctcag aaagaaggaa ggttcaagtt cacattggta ctggtaccac      240
gttgccattg ccctcctaga ctgttctctg caagctttct atttactgga ggctggaata      300

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<210> 1358
<211> 86
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(86)
<223> n = A,T,C or G

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<400> 1358
ccattgtgaa gggttatgcc cctgagagcg tgctggagcg caactgggtgc acagagaang      60
tggaactgnc nggggacggg gggact                                     86

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<210> 1359
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1359
ggctgtgttg tgtgtcttgt ttgatgtaaa gatagtttct gtaatagttt tgcagtttga      60

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ttgttcatct	ttaggtcttc	aattacaacc	tgacacatcca	tcccctctat	cctctttctt	120
actctgtttt	tctccatagc	acttatcatc	caataatatg	tcatgcactt	tatttatctg	180
ttttgcatat	atattttgtc	tgttacctgt	ttccttccac	tagaatgtaa	gtcccatgag	240
ggcagggact	tgcatctatt	ttgtttgtgg	ttgtatctct	aacacctggg	atagtcactg	300

<210> 1360

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1360

gctgcttcat	taaactcttc	ttgagtggag	ggaatgagga	ttgtccta	cccttggcac	60
gaggtgttcc	tgggccttgg	ggagctgctt	ctgtcctgca	actgggcagt	ggttgccgac	120
atcctgctga	tctctagtgt	cctgcggggc	aggcgccctg	actcctatct	gcagcgcttc	180
cgcagcctgc	agcagagctt	cctgtgctgc	gcctttgtca	tgcacctggg	gggcggctgc	240
ttcctgctga	ctgcgctgta	cctggagaga	gacgagaccc	gggcctggca	gcctgtcaca	300

<210> 1361

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1361

gttacagga	tcttgccact	taaagattca	atctttttaga	ctggcaatga	ggattcagac	60
aactcaatct	ttgtgtaaat	acttggtaaa	gcaacaggac	acagaagagg	aatgctggaa	120
aaatctggtt	tatgaaaaca	gaaatcaaac	caagttacta	accaacctcc	ccgtcccctc	180
caggcacaca	aaaacatttg	cctttgtact	ctgccaatgc	ttgattta	tataatacac	240
actcaagtgg	ctgtaaaaaa	acccaacaga	acagaaacca	tttaacatct	gaatagtgtat	300

<210> 1362

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1362

cagctatcac	aagtgtta	gtattttatg	tgtagcccaa	gacagttctt	cttccagtgt	60
ggcccagga	agccaaaaga	ttggacatcc	ctgtgttaga	ccatcatttg	tttgcctatat	120
gatgtcatag	tggtagaatg	gtcacttaag	gtaaaatctg	aatagagaaa	tttggcagaa	180
atcataggaa	tttctgtttg	aaggcataat	gagggtta	catttttcat	aatagatgtt	240
aagattaata	gtaatcatag	cccatattta	ttaagcactc	gccacacact	ggtttcgaga	300

<210> 1363

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1363

aatacacaca	acataata	catggcaatt	aactgtttat	gttatcaggt	ttaaggcttc	60
tggtcaacag	taagctatga	gtagttaagt	ttctgggggg	acaaaaat	ggttgtcaac	120
tgatgggggg	gcggtgttgg	caccctaac	ccgtgcactg	ttgaagggtc	aattgtactg	180
tatttatata	tgccagcagc	tctccaaactg	tggtctgcag	atctcatgag	gtctcctttc	240
aggggaccca	catggggcaa	actatattca	tactactact	aaagccattt	gcattttcca	300

<210> 1364

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1364

gaaaagcaca	cccccaagttc	gtacagatcc	cgtaccccat	tcttatcagg	tggaagttct	60
gggggctgag	aagtccaaga	tcaaggtgct	gccaatattg	ttcctgggtga	atgagcaaac	120
agcacagaaa	aagaaacagc	agtatatgtg	gaagaaagca	agaaaaatca	actggcctgg	180
aacctaagac	ttgtccaaag	atgtcacaga	gagtaaaatg	agaaaaatcc	agtagcccgt	240
gccagagca	gttcctcgta	cccagcagaa	gggaacgatg	ctcttcccaa	ggaaggcaga	300

<210> 1365

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1365

ctcatcacac	tggtgtatac	ttcgtagcta	ttactttctt	aatccccaag	gacttgttta	60
acaaagtatt	cttcagtttc	tacttccctag	ttcctttgtg	gaactggtaa	aaatttaaaa	120
tatcttaaca	taatatttta	tttcaaata	ttaaagctaa	ggtaaaatgt	ggtttttctt	180
ggacaactta	tggtagaatg	atgtctagaa	tatttagtta	tgtcatttaa	tacttttttt	240
ctttacaatt	taaaaaaaaa	tttattttat	tttagattca	gggggtacac	gtgcagggtt	300

<210> 1366

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1366

tagtttttaa	tttagcaatt	tgatattgat	acagatgaaa	cacctagata	tatcactttt	60
tattgagagt	tggtgatcaa	attgtacatt	agctagaaa	aaggaaggaa	aactgatgaa	120
aattttacag	tataaagtgt	atgggtaagg	tacacaaatc	ttttttttct	cttttttttg	180
ggaccactgt	cagaaacaaa	attttgttca	tcacattatt	ctaatagaac	gtctcacaca	240
gcatgcagtg	agctattgaa	gtttattgtc	ctaggaggta	ttaacgaaac	gaatgaactt	300

<210> 1367

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1367

gctgggctag	cagaaaacct	caggcatctg	tgaggacatg	agtttacaca	cgttgagact	60
cacttataca	aaaatgcaac	ccaattccac	ccctgaattg	aggggagtgc	atagaagtga	120
atgtcccgtc	tttctgaggt	ctgttgattt	tgtaattagt	aaacgaagg	tgcatctctg	180
attttttttt	cttgtgtgct	agaattcatt	gctagtataa	ctcaagataa	tagcgatgag	240
taggaggtat	caaagatgaa	ctgtataggg	acagtttaag	ttacttaaga	atcgtcagca	300

<210> 1368

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1368

tctgggacca	ataatgtttt	aaaaatatat	tcatttgaga	ttcagaaaac	ttgcacatca	60
tttgctactc	ctatcatctt	aacagtgaag	aaaactgagg	cctagagaca	ttaagggggg	120
tgcagggtcca	gagacatgtc	tcaagaaagc	attgctgtta	aaatgtgcag	ttcgtggggt	180
ttcagttccat	ctcttaagaa	accaagtcaa	tcttcccctc	aggaaaaaga	aaagaagtag	240
caataagcaa	tttggttaata	tcactacttc	ttatcaaggt	aaaaaatgcc	tcataatcag	300

<210> 1369
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1369
 agcagattca gtgtcgatga gagcctgctt cctgcttcat agatgataga agtgcaaagc 60
 cagctgtctg ggcctttttt atgatactga tcccattcat gaatgctctg ccctcatgat 120
 catttcaatt cccaaaggcc ccacctccta atattatcac agtgataatt gggttttcaa 180
 cacatgaatt tgagagaaac acattcagtt cctagcatta gcttgcttat atttatttca 240
 tctcattctc tctcatagct tttatttttg tttccctgt ccaatttatt atagtttttt 300

<210> 1370
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1370
 gttatgagtg gtcattgtga aaatttggag gaatacaaaa agtagaagaa aataacagtt 60
 ctatatacta gagttaacct ttattaactg ttttgtcata tgacatcaaa atgttatatt 120
 attacctgtt aaatttagta tagtatagta tactaaaaca gtatgtttac aaaattgaac 180
 tcaactgtgca gatattacag gttttattca tgtaacacta tagagtgtct attgtcacat 240
 gtcattcaag ttcttctaga gtgtgatttt ctcaggcaca tattgcacag atgctctata 300

<210> 1371
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1371
 accaaacctg gagtaaagtg gttgaaaaaa aagaaagtat aaaggggctt attaaagtgg 60
 ttaataaata tgatttaggt tggtttttga tatgtttttc ttccaactgt tatataagaa 120
 actactaatg taaaatagta ggctatatgt tgggatgtgt atagctatgt cttcaagact 180
 aatactcaga gaatcaaatt gtagattgta cctatctgtg agcctatttc tttagccagt 240
 tttctgtcta ctgccaagaa acagaattct ctgcctcatg caaatgccct ttctgtgtta 300

<210> 1372
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1372
 aaaaactggt agagagggag aaaggtacag tgattaagcc acctgtggaa gagtacgagg 60
 aaatgaaaag ttcataattgc tctgttattg agaatatgaa taaggagaaa gcatttttgt 120
 ttgagaaaata ccaagaagcc caagaagaaa tcatgaaatt aaaagacaca ctaaaaagtc 180
 agatgacaca ggaagccagt gatgaagctg aggacatgaa agaagccatg aataggatga 240
 tagatgaact caataaacag gtgagcgagc tgtcacagct gtacaaagaa gccaggtctg 300

<210> 1373
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1373
 ggaaaaactg gtagagaggg agaaaggtac agtgattaag ccacctgtgg aagagtacga 60
 ggaaatgaaa agttcatatt gctctgttat tgagaatatg aataaggaga aagcattttt 120

gtttgagaaa	taccaagaag	cccaagaaga	aatcatgaaa	ttaaaagaca	cactaaaaag	180
tcagatgaca	caggaagcca	gtgatgaagc	tgaggacatg	aaagaagcca	tgaataggat	240
gatagatgaa	ctcaataaac	aggtgagcga	gctgtcacag	ctgtacaaag	aagcccaggc	300

<210> 1374
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1374						
gcgggaccct	gcctctacta	aaaaattaaa	aatagctatg	catggtagca	catgcctata	60
gtcctagcta	ctgaggaggc	tgagggtggga	ggatcacttg	agctcaagaa	ttcaaggctg	120
cagttagcta	tgatggcact	actgcacttt	agcctgggtg	acagagttag	accctatctc	180
acaataaagt	aaaataagaa	ttaacacact	cataataact	atttagttaa	taggaaactc	240
tgtttaagcg	atattgctta	tattttctctc	tcatgctttt	gtaggtctgg	actcatcctc	300

<210> 1375
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1375						
gaaagataga	aaatcaccca	ggggcctgta	ggctggagct	tctgtagacg	cacagtggac	60
actgccgaga	aacaggcctc	attttctccca	tgttcccgtc	cccgtctccg	gtttcctgca	120
tgactgcttt	ggtgccccct	gactccagaa	tcaacaccac	accagctctg	ccttttagact	180
ctgcccagag	gctctgggct	ggatactgta	tttgggtgca	cctctggggg	catttttgca	240
agttttcagg	cagatgggtg	ggggagcagt	gaaggaagga	ggaaaaaaga	caaagcacaa	300

<210> 1376
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1376						
caagcaggtg	gccctgcaga	gccagttcaa	tacctacagg	ctcacccctgc	aggacacaga	60
ggatgccctc	agccaggacc	agctggaaca	aatgatactc	acggaggagt	tgcaggccat	120
ccgccaaagg	atccagggcg	agctggagct	caggaggaag	acggatgctg	ccatccggga	180
gaagctgcag	gagcacatga	cctccaacaa	gaccaccaa	tacttcaacc	agctcatcct	240
gaggctgcag	aaggagaaga	ccaacatgat	gacacatctt	tccaaaatca	acggtgacat	300

<210> 1377
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1377						
agaggaggag	gaagaggagg	aaaatgggga	ttctgtagtc	cagaataata	acacttccca	60
gatgtctcat	aagaagggtg	ccccaggcaa	tcttagaacc	ggacaacagg	tggaacacaa	120
gtcacagcca	cactccctgg	ccacagagac	cagaaaccca	ggaggacagg	aaatgaacag	180
aacggagctg	aacaagttca	gccacgtgga	ttctccaaat	tcggaatgca	aggggtgagga	240
cgcgaccgat	gaccagtttg	aaagcccca	gaaaaagttt	aaattcaaat	tccttaagaa	300

<210> 1378
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1378

ggctcctcat	cttttagcatc	cttctcgtct	ttgactatgc	tgagctcatg	ggcctcaaac	60
aggtatacta	ccatgtgctg	gggctgggcg	agcctctggc	cctgaagtct	ccccgggctc	120
tcagactctt	ctcccacctg	cgccaccag	tgtgtgtgga	gctgctgaca	gtgctgtggg	180
tgggtgcctac	cctggggcacg	gaccgtctcc	tccttgcttt	cctccttacc	ctctacctgg	240
gcctggctca	cgggcttgat	cagcaaagac	ctccgctacc	tcggggccca	gctacaaaga	300

<210> 1379

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1379

tcttggtttt	ctagccttta	gaaaaaaaaa	atctagtctt	ggtaaagaaa	atgttcattt	60
taatcaagct	ccagtacagc	ttgtgtcaag	acctagtaag	accaccttta	atgtgttcct	120
ggatatgaca	ttaaaaacta	acttgaaaat	tgtaggata	tttccttggt	ccctactttt	180
attgtaaaat	ctactacatt	cttaagaatt	aaaaaacgcc	atttcagaag	agatgatagt	240
tttatcttgc	caaggaatta	tcttcttagt	agcctatatt	ggcttattcc	aaaaaggcgc	300

<210> 1380

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1380

gccatttata	cttttatatt	tgattggctc	agtgattttc	tttacttaaa	tgtagcattt	60
atcaaccaca	actagcagtg	catgttatag	tgtaacaga	aaattccaca	ggaccctctt	120
cacactaggg	aaggggacca	tctgctactt	tcatattagg	atgtcaggat	ttagagggtca	180
atgtgtttcc	tcatcaaggc	tgaaggcttt	gggaatccgg	ggaagtgtca	ggctccaagc	240
agcacagcct	gctcaaactt	catatttaag	cactggacaa	gacactgttt	ccaatcctac	300

<210> 1381

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1381

atcacgcccc	gctaattttt	tgtatttttt	agtagagatg	ggatttcacc	gtgttggtcca	60
ggatggtctt	gatctcctga	tcttgcgata	caccgcctt	ggcctcccag	agtgtctggga	120
ttacaggcat	gagccaccac	acctggccac	agaagggatc	atttctaaat	agcatagaat	180
cacaggggagt	acacctcatg	tgacttcacg	tttagagtca	gcatttgctc	ataatgaatt	240
acatatcagt	aatgaacat	gacatgcttc	aacttcaata	atattaaaca	aaactctttc	300

<210> 1382

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1382

caggggggtca	gctctggtaa	aaggcttggt	aagaaggagg	ctgagagtaa	cagccaacat	60
aaggttttca	gattatctac	atccaggctc	gcccccaacc	ctgtcctcag	gaatcactga	120
atgcagccat	gacactgaaa	tttggttttc	attcattatt	ttttcattct	tacaataaac	180
gtggttttat	aagttagtta	aaaagtcttt	ttcaggatgc	cgtagtaaac	aagagtccct	240
tttgagcatt	tccttagtaa	acgatgaatg	gctgctggtc	aagcttggtc	tggcaagtct	300

<210> 1383

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1383
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 gtccctgact catcttctct tctgttgccc tttaaacagg tgagcaccta gccttggtgg 180
 ttttatgtgc tcaacagcag ttgactcccc tggctcctct caccatgct actgcgtagt 240
 caagccctcc atagtctct ctctggtctc tgtttcccat ctgectttgc ctttccctct 300

<210> 1384
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1384
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 gtaaatagct tttaaaaact gatgggaaat gctggttgga agtggaattg ttgaaccacc 120
 tgggaggtgg gaggggaagaa attgcaaattg gtgttttgcc attgtttatt agaaaatttc 180
 agcttaattcc attgtgtata tgttacatgc atttcattta actttgctat actgtatata 240
 ttgtatatat aacggacaaa ttagtcccga tttataata tctagtctct agatattaaa 300

<210> 1385
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (300)
 <223> n = A,T,C or G

<400> 1385
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 accatggaag ctgatggat aactcagtct gaggatgaag gcttcagaac ctggggggact 120
 acaggtgcaa gntctggana ccttttgctg gaataacctt gntttttttg tncctntttt 180
 nanntttncn nttttcnntt tncctnagna nttntttnnn tgttttntn ntnntnnnt 240
 tnntgnnttt ttttagctct nttttntan tttnttttn tntntntan cttttttatg 300

<210> 1386
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1386
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 gttcacgtta ctattgttaa gtgtttctaa actggaaatt actccagaca atactatgag 120
 cacacctgtc tgtggctttt gatgagcatc tgaatgcagg ccaaacttgg cctgccaaac 180
 agtttctgcc gttgtttgta ccagttcaca ctccctgcc aacagtttct gcaatgtttg 240
 taccggttca cactcccacg gcagcacatg aaagctttat ttgctccata tctctcaaa 300

<210> 1387
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1387

gccagtcctt	ggacagctac	gacgccatga	atatcttgcc	caagaagagc	tggcacgtcc	60
ggaacaagga	caatgtcgcc	cgcgtgcggc	gtgacgaggg	ccaggccccg	gaggaggaga	120
aggagcgtga	gcgagggtg	ctgctggctc	agcaagaggg	ccgtacagaa	ttcctacgga	180
agaaagccag	acatcagaac	tactgcctg	agcttgaagc	agcagaggcg	ggagccccag	240
gttctggccc	tgtggacctg	tttcggggagc	tgctggagga	agggaaagga	gtgatcagag	300

<210> 1388

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1388

gccaaatgcc	ggaattcaaa	acctggcaag	aaaaagaatg	atattgaaca	aggcgaatta	60
tatttgagag	aaaagtttga	aaattcaatt	gaatccctaa	gattatttaa	aaatgatcct	120
ttgttcttca	aacctggtag	tcagtttttg	tattcaactt	ttggctatac	cctactggca	180
gccatagtag	agagagcttc	aggatgtaaa	tatttggact	atatgcagaa	aatattccat	240
gacttggata	tgctgacgac	tgtgcaggaa	gaaaacgagc	cagtgattta	caatagagca	300

<210> 1389

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1389

cccagaggcc	accaatggca	atagtagccg	aagcgtacct	gtagttcagc	ttttgacatg	60
tgtgtaaaac	atgtccatta	acatgtgctt	aatctgttct	tgaaagtat	tttcagaaat	120
gataaaaagt	aatgatgggt	acatctgaat	ataagttaga	tcatgacact	cactcctttt	180
ttcagaaact	accagtggca	tcacatctta	ctcagagtaa	aaaccacagt	gggcttactg	240
tgggctgcaa	ggcctcgtag	gatttgcctc	ccatgacttt	ctgacttcat	ctcttgtcac	300

<210> 1390

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1390

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gaaatggctt	tatggaatca	atttgcaaaa	atgtaagagg	tggcaaagga	agaataaaaa	120
taatattttc	attttcttct	gttattctta	gatccttttg	tagattgtaa	actccatgaa	180
agcaggatac	cttcttttgc	cctaaggctt	ggcccaaaaag	agataccaaa	aaaataactg	240
cttatatact	aacctagtct	ctgggtgtgg	gagccataga	gggttcaggg	tgggggtggtg	300

<210> 1391

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1391

ccctgccttt	tagttagcat	atgcccttct	tctccccctt	gtagaagcag	taggggacag	60
aaatgataag	tcatatatgg	ccggtgagtt	tttcttccaa	agactgggtc	acactagagg	120
gtgcagcctc	cacagacact	gggaattgct	cctgacctat	ggaaaacaac	tttctttcca	180
agaaaattat	ttttagtctt	ttggtgtaaa	gacacagtc	tgagttgttt	tcacttactg	240
aattctataa	ctaggaatga	aacactatac	tcttgctaaa	aatgaccttt	tttctttcag	300

<210> 1392

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1392
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 tatecttgag taatctatct ttataaaggt attgatgtaa ctattttata aatgaaaaac 120
 tacacactaa aaaccaaata tgtgatctcc agcatcacag aaatgaaata aggatttttt 180
 ttttaacttag gtaatattgc ttgaactgta gtaattcaaa tgtagcaatt tcaaaggtag 240
 aatttcccat gtattactat actgcttcac atcagctcta ttaataaaaag tagaacagtt 300

<210> 1393
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1393
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 aattgagagg agaaaggcat tttcagtttc tttagttaat aaaaagaagc ctttcttgga 120
 ggagttttat gcctgtacca gcagagggtc agctttccag gaatctcatc atgatccata 180
 ctgctgacac aggcccttgt cacctgaagc attcttaaaa taaggagact gacattaac 240
 aggacaattg tgaactccac tttgtaagca tcatacatat cttacaactc attctgaaga 300

<210> 1394
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1394
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 caaaattagc caggcggtgt ggcacatgcc tgtaatccca gctactcagg aggctgagcc 120
 aggagaatcg cttgaaccg ggagacggag gttgcagtaa gccgagattg tgccattgca 180
 ctccagcctg ggcaacaaga gcaaaactct gtctcagaaa atatatatat atccctaaaa 240
 ctacctcagt tgaagaattc aaagtgc aaaataactttt ttaggatttt ttaatctatt 300

<210> 1395
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1395
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 ttcacatgt tgaccaagat ggtctcgaac tcctgacctc aggtgatcca cccacctcag 120
 cctcccaaag tgctgggatt acaggcgtga gccactgtgc ccggccccag ttaggctttt 180
 gcaattacct agatcagaga taatgatagc tgtgactagg aggacagtgg ggaagtgaca 240
 gagatggaac aaagcctaag ggccctgtgag aggaagacct aggagtgaat ctgaggtttc 300

<210> 1396
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1396
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 tgtcatatct caggatgatt tcttcaagcc agagtctgag atagagacag ataaaaatgg 120
 atttttgcag tacgatgtgc ttgaagcact taacatggaa aaaatgatgt cagccatttc 180

ctgctggatg gaaagcgcac gacactctgt ggtatcaaca gaccaggaaa gtgctgagga 240
aattcccatt ttaatcatcg aagggtttct tctttttaat tataagcccc tttgacacta 300

<210> 1397

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1397

ccggccgctg gggactgggc cctgctcgca tgcgcgcccg cctccccccc acctccacga 60
ctatttattg agcgccctgt gtgtgtcaac gggctatgag ggccgtgggg tgtttgggtg 120
gattatccac acaggtcccg gcccctgccc gggctggagt tgccacagcc tgtgtcctg 180
gtcctcacct ggagggggcca gcaggctgcc gtcccaccac acgtggcctc tgcgcccagc 240
acgggtgctct ccgacagtgg tgtctgaacc cttgggggacg agggcctggg ccgcggtgag 300

<210> 1398

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1398

ggagggaaaaa cagtgtcttg cacacagcaa gcactcaata tttttggccg ttgaacttta 60
tctgaacctc ccttagagca tctattgtag cctgcttggt attctatttt ctcatagggg 120
cctcagtgtc tgtagcccc aaagcagggg cacagactct gttagtatt gatactgctt 180
gttcgtactg aagagtatca aaagggtggg agaacattga aaaccaaagc atcctgagta 240
cattcagttt gctgttttcc aagacagaca ttccagatat atagaagcca aagtcctgtc 300

<210> 1399

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1399

gtgtgagttg catataacat atataaaagc tgtaacctgg gaaaaagtta ttatctggaa 60
gctttagaaa ttaatgttat tctttcttaa gtatcatcag gaaattaatc aaaatggcca 120
ccttgatacc aaaaataagg ttttggggca taacatcctt atgaattcaa atgttagtca 180
tttcacatat cttccacttt atttcattaa gtcttctcta gtagacactg ttcaaacatt 240
attcaccatt tactaatgct gttacaacat tatttttagaa gatggatatg gatagctgtt 300

<210> 1400

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1400

gcgggcacgg cgggtggctcg gtctcccggc tgcgcgcgga gcgggagggc tctcctcaca 60
caagcgcttc cttgccgaga ggctggagct gcggcaccgc aggcctgagc cacccttct 120
ctgctgtctc cttctcttcc tcagggtccc cgtgtctgct cgccctccga cgctgtcag 180
actatggaaa tgatgttaga caaaaagcaa attcaagtga ttttcttatt caagttcaaa 240
atgggtcata aagcagcaga gacaactcgc agcatcaaca atgcatttgg ccagaaaatt 300

<210> 1401

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1401

ctttcccttt	atagtttctc	tataaaaact	ggtttttaaaa	tcagtggaaa	agggcaggtt	60
gaatcaagggt	gaatcaatct	gaaattgagc	acacctgcct	gccatcgctg	ttccttcaac	120
tgagtgtctgc	acatcatggg	ctctgtctgt	gagagaaaaa	tcccgggtgct	tggtgtcctt	180
gcatgacatg	gagtttttgc	tgtagatcaa	tttaaaatgt	acctcttggt	tacataattt	240
gcataatttt	aaaagataat	gttgccaaac	tttggaatgt	ttaatgttca	gactgaaaaa	300

<210> 1402

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1402

gaggaaagcg	gtgcgtgagg	cgggcggcca	gggcacgact	ttgaagatta	tccaatgaga	60
attttatatg	accttcattc	agaagttag	actctaaagg	atgatgttaa	tattcttctt	120
gataaagcaa	gattggaaaa	tcaagaaggc	attgatttca	taaaggcaac	aaaagtacta	180
atggaaaaaa	attcaatgga	tattatgaaa	ataagagagt	atttccagaa	gtatggatat	240
agtccacgtg	tcaagaaaaa	ttcagtagac	gagcaagaag	ccattaactc	tgacctagag	300

<210> 1403

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1403

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aagtattatc	tgatagaata	caagatgatt	caaaattata	tagatattta	aagcttttct	120
gctgtttttt	ttttttaatt	gcaacngctt	ttntgccgng	cctntnttcc	ctacccaaaa	180
gngatgagtt	ctgancaaga	caanactgtc	atattgtaaa	nactttggta	tgngatncca	240
tanaatactg	atnggatagc	catcctagtc	acttaccaat	actgactaaa	agttaactct	300

<210> 1404

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1404

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catataatcc	ttcttaaagt	atactctttt	aaaaatccat	tgacataacc	ttacttttag	120
tttagtgatc	cagaatttcc	ccagagctta	aagccactgc	agtaaattag	ggtacgtagg	180
atattcagtc	gctactagcc	ccaaggagtc	tccttattta	atggacctcc	ctcagtactt	240
aattcctgca	gagcgcctca	aagtggggga	agagaaatga	ancaantcnt	gggctcaagt	300

<210> 1405

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1405

ctcagtaacc	caattactag	taccttttga	agagaccagg	ctgggaattg	gtattaataa	60
taatagctga	catttaccag	gggctaccca	catgccaagc	atcatgctaa	tcttgccagg	120
tcctttctgag	tcagtgtgaa	tggcaggagc	accacatgtt	cctttctctt	cagttcacac	180
acattgagtg	tcttcatgtg	taagtaacaa	cagagactga	gggcatatgt	attgtgtaaa	240
aaaaaatttt	gttactggga	aaatagccat	tactgggaaa	tagctttgtt	acagaaagtc	300

<210> 1406

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1406

gtcatgatca	actcagtata	ggttttctta	aaaaattttt	tcttaaaatg	ttttttaaac	60
ttcaaataag	tttggttggg	gctacagatt	taaatcgact	tgtttgtgag	gataatagaa	120
ttctttttg	tatgaactta	tcagtcagcc	cagcgtctgt	gagacggtgc	ctgcttgcat	180
ggtgcagtc	agagtgtatt	ttgcaaactg	ctagcactgc	ccttatgtag	gacgcgtgct	240
tcgtttttatt	ggtctaaaat	ttcccatgtc	ataacacttt	gatcatgcct	tagagaagtc	300

<210> 1407

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1407

ggacaaacca	tctccagagc	cttaategca	tctgtaaagt	ccctttttacc	atgtaaatta	60
atattcatag	tttctgaaga	tcaggatctg	gattttctttt	ggggcaatta	ttcagctaac	120
cacatattat	aatgaggaag	cacttcttgg	gaggcatcat	aatgcttggt	ttttcttttc	180
ctaaatagag	tatcactttt	acccaaatgg	aataactcgc	tgggttattt	tactgagctc	240
ttgatgctca	tttctttggg	cttctctgtg	atgaattaat	gtttctatat	ggacatcatg	300

<210> 1408

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1408

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ccacccgcct	cggcctccca	aagtgctggg	attacaggcg	tgagccaccg	cgcccgccg	120
aaagccaact	cttatgccta	gaaatatgtg	cacctatgac	caagcccatg	aattatacag	180
gaattatgta	attatgagtg	atgtacttca	aagttattgc	acatacactt	gtttactttg	240
tatgttttgca	ggattaaact	ttgtataatc	tttttataaa	atTTTTTTTT	cagtatgcaa	300

<210> 1409

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1409

gggatagtag	ctgggaactg	ttccctttct	gattaatttc	agcagcatcg	gaatatattt	60
ggagcacacc	ctagtaacct	cttgagatta	aattacatag	tcttaatat	tctgttcctc	120
catgcaactg	atgtttgttt	tttaaagggt	aagatgctgc	ctcccaatgg	gtgatgccat	180
ctgactgggt	tccccatgtc	ctccatttca	cccatctctg	ctccccacct	tgctgctc	240
taaccaccca	ctggccagcc	cccttgccct	actctgggct	gctgaacact	ggtgctgtgt	300

<210> 1410
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1410
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 gggatctcag tgggaagaagt tatagaagtg acgacacaga atgcattaaa actgtttcct 120
 aagctccgac acttgctcca gaaatagctt caaaaccatc cattacaaaa tcgaatcaac 180
 tgcagggggc agcatttgaa aaatagaaat gttctgatga agaactctgaa ctgaagaagc 240
 tgttttatag ggttatagaa gattgtaatt gtagagaaat atttctctta gaaataaaac 300

<210> 1411
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1411
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 attaattaat tttcagcgtt tggtatatca gaatggacat tatagcaatt tccatggctg 120
 tgtcgtcct ggcagatttt aaagtcttc cagcctgatt cctctctctg tttgggtctc 180
 tggcatgggt cctgctggag agtagatact tgataattat ctattgggtt ctcaggggat 240
 ctctcaaagg tggatttcag gcacccacaa ggcaactccc atcacaagaa agaatggtgg 300

<210> 1412
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1412
 aattcggcac attgggtaag gctgtgttct ttcctttcct tcattaattc agtagagatt 60
 tactgatcac ctaatatgta ccacaaaaaa atgttctaga tacttacaac acattagtaa 120
 acaaaatcgt aatccctgcc tccatggggc ttactttcta gtgtaaggag acagacaaca 180
 aacaaaaagc ctcatatata gggatattat aatatgggtat gttaaaagggt gataagtgc 240
 acatagtaaa aaataatgaa ataaggcagg ataaaggggt attgggtgtg ataggggtggc 300

<210> 1413
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1413
 aaggctgaga caggagaatg gcgtgaatcg gggaggcaga gcttgagtc agccgagatc 60
 acgccactgc actccagcct gggagacaga gtgagactcc gtctcagaaa aaaaaaaca 120
 ctaaaatag ggtattatgc ccaatccaaa tttcaaaaac gtgattctaa gtgaaagaag 180
 gcagatgcc cagaccaggt attttctagt accatttttag gaaatgtcca aaaatggcag 240
 atcttcagaa acaaagtaac tgcaaatgtt acaaggaatc tttttagggt gacgaaaatg 300

<210> 1414
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1414
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 gtccttcttt tcattgaaaa agatattgtt taggtcctac aatggcttag gtatgggttg 120

agactctggg	gttacaaagc	aaagaaaacc	tggcctctgc	cctgctcaga	gaacagcagg	180
gatacagcat	gttagcaaat	aagtatatag	tgtggaaagg	tctgtagtca	atagcagtca	240
ttttgacaat	aggaaaagga	atgtgtgaaa	cttctggggtc	tgtgtgtgtg	ttgggggttgg	300

<210> 1415

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1415

agagcgagtc	tctctttgtt	gcttaggttt	gtcttgaaat	cctgggttca	agcaatcctc	60
cctcctcagc	ctcccaaaat	gctgggatta	caggtgtgag	ccaccacacc	tggcctctac	120
tttcttata	ttccttaaat	agatttcctt	tctttttgga	ttaagaaaaa	ataaacagaa	180
aattaaaatt	tgaacatatt	ataaaaaatga	aagataattg	taaaatcttg	gtttggagag	240
tgtctctctg	agcccagaaa	tcattccagaa	aaatggacag	atttgactgc	atcacattta	300

<210> 1416

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1416

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cagtgaagta	tgattgcacc	actgcaatcc	agcctggaca	acacagttag	accctgcctc	120
acaaaaatta	tattctgatt	ttctgagtc	atgaacacat	tgtccaaatg	gatttttcta	180
gtcctccaa	gttacagata	gttccacgca	cacacagaac	tcaccactct	caaataattt	240
ccccactagt	attactatta	aatttttcaa	acatgcaaaa	gatgaaagaa	ttgctcagt	300

<210> 1417

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1417

gttggccagg	atggtctcaa	tctcgacctc	gtgatccgcc	caccttggcc	tcccaaagt	60
ttgggattac	aggcgtgact	caccatgccc	agccacttag	ttttttctta	ttcccacctt	120
tctatcccat	ataacactct	tttttatctt	ccctgaacca	tattgatgat	ataaataggg	180
ctgggggctg	ggccccgctg	gtcactcaac	agagtatttc	ccttgggcga	catggaagtt	240
ttgacccaat	agatgagctg	ctgagtatca	acaagggtgac	atttttctgc	tgcccatttg	300

<210> 1418

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1418

aaataagctt	ttctttaaat	taattagaaa	ttacttgtag	gaaatgtata	gaataacaat	60
gatcattttt	tttaactaaa	tgatttacia	tagtgagaaa	gttgaccttg	agttacatgt	120
tgaagaata	gtatgtaagc	tggcaacaga	aattgaaatt	gagacagatt	tcagcaccac	180
tgttggtaac	aggctcttat	tccagaggaa	acatgtcagt	tttttattag	tgagtaaagg	240
atctctgcga	agctttaaga	atatctcatg	ttgagtattg	acatgtattt	tgaatgatga	300

<210> 1419

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1419

tttgtaggca	atggaaagcc	accagtgggt	ttagttgagc	agcaatgaaa	ttaagcctgt	60
gctttgcaaa	gattaatcta	gcagcaacag	attggaagca	acaccaccat	tcctgggtatc	120
agtccaggta	aaatatatta	cagctcttta	ctggagcaat	aacagtaata	ttagaaggag	180
aaataaaaaa	gaaaaatatt	gcacaggcag	aatggggagg	tcccagtgat	ggagctgatc	240
ttgggttcatt	gaggcagggg	tggcattaat	catgtaaaac	acaggaggag	gaactggggt	300

<210> 1420

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1420

ggttgccaga	tataactgct	ttggagcaaa	tctcttctgt	ttagagagat	agaagttatg	60
acatatgtaa	tacacatctg	tgtacacaga	aaccggcacc	tgccagacag	agctggttct	120
aagatttaat	acagtgcctt	ttttctctct	tgaaatattt	tactttaata	ccagtgcctt	180
ttcttggtga	acttcttgga	aaagccacca	attctagatc	ttgatttgaa	ttaatacaca	240
caatatctga	gacacttaca	cttttcaaaa	gatttgtgta	tgcatcgcct	aattagagta	300

<210> 1421

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1421

ctaatatcca	gaatctacaa	tgaactcaaa	caaatttaca	agaaaaaac	aaacaacccc	60
atcaaaaagt	gggcgaagga	cacgaacaga	cacttctcaa	aagaagacat	ttatgcagcc	120
aaaaaacaca	tgaaaaaatg	ctcatcatca	ctggccatca	gagaaatgca	aatcaaaacc	180
acaatgagat	accatctcac	accagttaga	atggcaatca	tagagctttt	catttatctg	240
agtgttttcc	tctgcttgct	gggacttggt	ctttcacgag	ctcctgctct	catatcaggg	300

<210> 1422

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1422

cttgcaaagt	atataatatc	taagaggaaa	ggtttgga	taagctactg	cattgggtctt	60
aagctagtcc	ggcatgtgaa	gaaacaagaa	tttgccaga	agaggactgt	ggagaaacct	120
ctgaggcctc	cttccagagt	aaggccaatg	cagtagctta	tttccaagcc	ttgcaaagta	180
tataatatct	aagaggaaag	gttttgtcat	cccagcgttg	tccactttgt	ggggctttgt	240
aggtagacgg	agccacacta	caggcagggt	atgagcagag	ggatgtatgg	agtgtgggtg	300

<210> 1423

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1423

ctgacatgac	taccttaggg	atagagctaa	gggataataa	cttgacttaa	atacatctta	60
atacttgatt	gcatgagtca	gtttattgta	gtttttgatt	tctgtaaaat	aagagaaact	120
tttgatttta	ttattgagta	agtgaatgaa	gctattttta	aataacgtta	gaagaaagcc	180
aagctgctgc	tgttacctgc	agaactaaca	aacctgttta	ctttgtacag	atatgtaaat	240
atcttgagaa	aaagtacagt	ataaaaatag	ttattgacca	catgctacca	ggctctgcag	300

<210> 1424

<211> 300
<212> DNA
<213> Homo sapiens

<400> 1424
tgtattcaga agaaagcaag gatagaatga gtataactct ttaaaatttg gaggcaaaat 60
tggctgtgag ttgccatgga gataggagca atggatgtcc aaggtctgag gaaatagaaa 120
ctgttcgaaa taattgcaga gaaagcttgc caacgggtgat aagtaggttt gtctagcagc 180
actgatgcgt cgtggaagtt gatggtcattg aacatacagt gtgataacct atctgccctc 240
ttgaaccttt ctagtagtgc tatgtcattt tgggtactaag gtaggtgaat tttccaagtg 300

<210> 1425
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1425
ctgggggtcc tgcagtgcc gccttcttag ctcagggcct ttgcataggc tgttctctctg 60
cctgggtgct tttcctgcta ctcccgctgg ctgcatttgc ttaacttact cttctgattt 120
cagtctcaat gctgcttct taggggtaag ccttctctga ccctacattc tgtagagata 180
ccccattct gccattctct cttttgtggc ctgggtttca cttgtacta agtcattatc 240
cctgtatttg gtttgcttag tacatgtctg tcttcaagca ggggctggct tcaggctgct 300

<210> 1426
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1426
aaaaggagcc agaacttgat gatatttgaat attctcagcc tttctggttg gcagaggggtg 60
atgaaattga gacacggcaa agatcaattc aagagccact ccggggagaa tggcgggtcta 120
aagataaagc caagactgtg cttttaaaagc ctgctgttaa gacctgagaa ggtagtgcct 180
tagcctctc ttcagtcaca ctcaaggcct ctccgtcaaa caatagggct tctagccttt 240
ttagcaggag cccaaggtag aggtagaaga gttcctcttg gagagatcta tgggtatagc 300

<210> 1427
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1427
cttacctctc agaacattac ctcttagaac actgtgtgcc ctgcagagcc atcgaccttt 60
attataggcc acgtgccctc ggaaacttgg gacagtactg atgcgttctg ttgagtgcgt 120
ttggcatgtg ggaattgtga tgggtgcacag tgtcttggcc ttcactgggt tttgtaggca 180
cactaagggt tccatttcat tcttcttcag ttgccttggc ccagcctggg tctctgggta 240
gagcacctgc aggggcagtg gacggcctgg gctcagggtc ggtcagcacc tgagaccagc 300

<210> 1428
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1428
agaagctcca ctggcacttt tgtattcaca actaccgggt gcgataaggc agtgagggtt 60
attatgatac cctttttcac aggtaaggaa acaaggctca gagagggttca acaacagagt 120
cataattctt cttgttggag aattcatttt gttacatttc attcccacca tctgcagtaa 180

gggagaccca ttaaaatata gtatcctgat ttttaaagag aaggtaacat taaggccagg 240
agggttgga tttgccaag ttcactgtgg gcttctggac tcccatgccc aacagcctcc 300

<210> 1429
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1429
cttgaacctg ggaggcagag gttgtggtga gccaagatca cgccactgca ctccagcctg 60
ggtgacagag caagactcca tctcaagaaa aaaataaata aataataatt tgtgtatgtg 120
atgactgact ctagtcatta tggaaaataa cttttggcag tttagttcct acttggttaac 180
aattcctctt tttaagagag gtactacatt tgatttctca atttctcagt ttgttttcaa 240
tacaaacagc aaccactgaa atgcagaaaa tggtaatcaa gtgtgatgtt tctataaaaa 300

<210> 1430
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1430
cccacccct ctcttttcca ttgaacaaac atttattgaa catcctctga gcacctggcc 60
gtgggaatgc cgtggtgaat gagagactag acgtgatgcc tctgggggtt gtgcgttggg 120
gatgcatgcg acagcccatg acccgaggca ttctcagggg atctgtgctg tgtgcccggtg 180
agaacatctt cccatgacca ctctgccct cctgccccgt gctggatctt cctccccag 240
ctgggatctg ctcccaggca actgtgtgaa ttttacatta ttggagcct catctgtgtc 300

<210> 1431
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1431
ggttattgat cattgcacag ggctgttggc aagtttggtg tgcaaggttt ggatagtgcc 60
tggttttcac tagggttttc tgaaaaccag cagaaacagg gggcctgaag gttgttagag 120
taatgagctt gcagccaaca tatttttagct ctatcaaaaa atgcctgtta gtgctcacgg 180
gcatgtactg cgagagagat cttgaatgca tcactttggt atcctaagaa gtgtaatttt 240
ttccctcgt cactactgggc tgtgtttaga cctcgtataa tacataatga atagaaacag 300

<210> 1432
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1432
agtttccatt tagtttgatt ttaaaagctg ccttttgaat atctaatacc aattataaaa 60
taaatatgtg taagtaaaat aaaatggtaa cttgtttttt ataagagggg aagttggttg 120
gttttataaa ttaaatgaac atttatgcgg tcggttatth ttacgtaaaa atagttgtta 180
tattctaggg taacagaaat ttagaaacct atttttctgt agaagaaagg tgttgctatc 240
tgcttttgat ttctcagata tttgcttctc cttagaatgc tatgatcaga tttttattag 300

<210> 1433
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1433

cagccttggt gacagagcga gaccctgtct ctaaaaaata aataaataaa atattgtgag	60
tctctgatgg ggagcagtat tgcattggtg ttgagaactg aggcctctgat gttagaactg	120
gattctgact taaccactg tttgcccaca tcttgagcct tggtttcctt atctgtaaaa	180
tggcagtatt ctgagggtgg ctgaggaaaag gaaatgaggg caggcgcggt ggctcaggcc	240
tgtaatccca gcactttggc aggcctgaggc atgtggatga tttgaggcca cgagtttgag	300

<210> 1434

<211> 139

<212> DNA

<213> Homo sapiens

<400> 1434

gtggagctca cctatttgga atatggggca tttgtttttt ccaactgcaat gatttcagtc	60
tggtttcctc atgttggaat tcgatcacac ctttttcaaa caatgttaac atagtccagc	120
ttttgttccg tttaggga	139

<210> 1435

<211> 239

<212> DNA

<213> Homo sapiens

<400> 1435

cacactccag gctgagaaag agtaattagg aggcctgagg aggggcccag gaaaggctgt	60
tgggggtgtgc tgggggttggg acccgagcgc ctccccctca cctcaaccag agaagagcat	120
ccggttgctt tttaaagctt ttagcctgcc ctagcaagga caaagcatgt tagattagag	180
atgcttctgc tgatcgcagg ggttcttatt tgaaaacatc tatgatgggg gaggtgtgg	239

<210> 1436

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1436

ccttgaggca catcacagtt tgaaggacct gtttaagttg aaatagactt tgcttattta	60
ttgggattct aaaaaattct gaggtagttt gcagtatgag aggaaataag atttcctcct	120
ccttcctctc attttatatt gactgtttgc cagaaactgt tttcttctgt tttcttatat	180
tttggttttg agatggagtc tcaactctctc acccaggctg gaggtagctg gtgcaatctc	240
agctcactgc aacctctgcc tcctggggtc aagtgattct cctgcctcgg cctcctgagt	300

<210> 1437

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (300)

<223> n = A,T,C or G

<400> 1437

gcaaaaacct acatacctgt tattcctggt tgtgctcctc gcaatccttt aagataaggg	60
gggcaggaat taatatctcc attttacaac tgaaactgaa aattagagga cttcaatgaa	120
tgaaaaatct gaggtagctta tctaccaag tggcagatta gttcatgatt ccttattaag	180
tgataggact tgccaaacac caggaaatctg gggaagaagt gtactcaaag aagtatgctt	240
ggaccaatct gaaaaaagaa aaanaattna gttcaaactg attgagtaac nattcacagt	300

<210> 1438
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1438
 gcagaagcca attccttgtg aaaagctgac tgccatcagt aatctcaata gaaaagagat 60
 atgttttctg gagtcataaa ggaattcaat tcttaggggtt tttgtttttg tttttgagat 120
 gtaatatgtc tctgttgccc aggctggagt gcagtggat gatctcacct tactgcaacc 180
 accacttctt ggggttcaagc gattctcctg cctcagcctc cccagtagct gggattacag 240
 gcaccagcca ccatgcctgg ctaatttttt tgtattttta gtggagatgt ggtttctcca 300

<210> 1439
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1439
 ggggcagtc ataataatag ggaggataga aacgtcagca tggcattcca gatgagaaaa 60
 ctgaagcaag ttaaactttc tacatggtaa ccgtgattat gtagttgata tacaaagtat 120
 tgactgtggg ccttcaagaa gaggttaaaa tacattcatt atattaacga gtgcatctta 180
 caaagatttc tttcaaaaag tacttgaagt ttttttgctt taaggagtaa atctcaatca 240
 tctggaaatt taacttctgt ggaatacctc tttacatctt aaaggaaatg ttaatgcatt 300

<210> 1440
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1440
 aagatgtttg attcttcaga taacttttga aatgtgctat aaagggccta gtttaaaagg 60
 aacttctttt gaaaagcaat taacagttga taaagggtta aataaaaatt atctagtaag 120
 gaatttctta ttggaatgta aacgtgggtc taatttttaa tagacagtga tataaagaat 180
 aaaaagtaaa cagtgaatt gagttctcca gggaaaaggc agacctgttt agtaaaaaaa 240
 ggatgctttt ttcagtgatg tctttttttg agtgcataat tgtgtgactc ttgaagaaat 300

<210> 1441
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1441
 atccaatatt tattgagtgt ctattagggt ccaagcacct taatagggtcc tatggatttg 60
 aaatgccgtc cctgtcttag atctcacggt ctactggagg acacagagaa gtaagcaggc 120
 agttgcagta caatgtaaca ctgagtgtg tctgtgtatg atgctgagga gggagggttag 180
 cctgagccgg ggaagcggag cttgcaatga tcggagatcg cgccactgca ctctagcctg 240
 ggcaacagaa caagcccctg tcttaaaaaa aaaacaaaat cttcagagca ggcttaaaaa 300

<210> 1442
 <211> 297
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (297)

<223> n = A,T,C or G

<400> 1442

ttttgcnaaa	aaaaaaaaatg	aagaccatga	gtgaacagtt	gtttcctaac	ccatggctat	60
ttagaatctt	ttgccaaga	atgacaatga	tgcaaaaatg	ggaacagttt	ggattttaat	120
tagaactgtt	taggagtgat	gatgtgtaaa	aagttgactt	ctcttttgca	tggcacagag	180
aaattatatt	ccttacttca	tgtcagttta	tgttctaaat	cttttttact	gaatataaaa	240
atcttggtta	atgccattag	gcaccaactt	aaagagggtt	gtaaaaatat	taaaagt	297

<210> 1443

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1443

actgaactaa	tatcaatttt	aaataatatt	gctattcagc	ttcaaaagac	agagcctcca	60
gcataattatt	attattatag	taatctgatt	ctttagaatt	cagagaactc	acctcattag	120
tgtcccttg	ctctatctgg	ccctgtggga	aaataccctt	gcctctttct	atgggtatgg	180
tccactgtat	cccatcatga	ctttaacatt	tttgaagtat	tggcttttta	aagtaagcaa	240
acaaattccc	ttgttacatc	aaattcaaatt	acagtaatgc	attacaggac	aaattaaagg	300

<210> 1444

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1444

gcctgtcgtc	ccagctactt	gggaggacaa	gtcatgagaa	tcgcctgaac	ccaggaggca	60
gaggttacag	tgagctgaga	tcgcaccact	gcacttcagc	ctgggtgaca	gagcaagact	120
ccatctcaaa	aaataaataa	ataaaataaa	ataaaatata	aagtttgctc	cattgttgac	180
ccattgtctg	tgataaaaagt	gtatactgga	atgcatgtaa	accatatatt	taaaatgtat	240
aggctgggca	cagtgggtca	cgctgtcat	cccagcattt	tgggagacca	aggcagggtg	300

<210> 1445

<211> 161

<212> DNA

<213> Homo sapiens

<400> 1445

gtgtgttctg	tgggagggtg	tctgtgggga	tgtgactatc	agggtgggccc	tgtgctgggg	60
atggggcagg	cctgggtctg	gagaggattt	tgtgtgaaag	taaatggggt	gtttgaggcg	120
tatgggtggc	tgttggtgtg	gggaggcatc	tgtgtatggc	t		161

<210> 1446

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1446

taaataagtt	gatattaatg	atataagcat	cacacaattt	tacattaaga	aatactgtgc	60
aggccatgcg	tgggtggctca	ggcctgtaat	cccagcactt	tgggaggccg	agggtggcag	120
atcaccggag	gtcaggagtt	cgagaccagc	cttgccatac	atagtgaaac	cctgtctcta	180
ctaaaaatac	aaaaattagc	cgggcatggt	ggcaggcacc	tgtaatccca	gctactaggg	240
aggcttctga	accaggagg	cagaggatgc	agcgagctga	gatcgcgcca	ctgcactcca	300

<210> 1447

<211> 251
 <212> DNA
 <213> Homo sapiens

<400> 1447
 ggcactcacc gcctcctccc tggtagacag gcttctgttg ggccaccaag cccctcctgt 60
 gccccctccc atccatagtg catggtgtgt ggtgccccca gggctccagg acagatcagg 120
 cccaccttg tgtctacccc catccccgct gtgaacgtgc cactgaataa agtcggggaa 180
 acgagaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 240
 aaaaaaaaaa a 251

<210> 1448
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1448
 ctggaattag tggcttgctg ataatctcat ttataattt gttagcaat ccagcaagac 60
 caacttttta aaaaaattaa taacagtagt ttatgaaaa ctaagtaaga aaacagtttc 120
 cacctatttc tgaggctccc tttagaagga gtaacagaca gcttttattt ctcttaaagt 180
 tataaaaatc acaatcgcaa gtcacaatga atactgggaa gggaaattac ttttgcagag 240
 tgatcaagta aatgatagcg ggggctaaac ttttttagta aacttgtgaa gattacatac 300

<210> 1449
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1449
 atgactgagt gtatacccta gttaaaatga tcaggggaga cttactgaa aggggtaatt 60
 gagctagatt tgaaggatga ggagtagcag actagtcaaa gaaagggaga gaagaacata 120
 cctaaacatc tgatcaccag tgactgagaa agttatcagg atcaagtgga aagagaaagg 180
 actagcagag ttacaggtta gagaaacagg taaaggctac tatggacggc ataatagttg 240
 catcccatgt tttgtctctt aagaacagtt gcaaactatt gaagggttta aagctgtgtg 300

<210> 1450
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1450
 attgtcttgt gttatgggtgc ttcagcattg gattcagcag ccagcttccct agtacgaagg 60
 caacgattac ctccacaggg tcccttccat tgtcctcctg catcattttc ctccaacttg 120
 aataaatggt ctaccacact ttctccttta tttctctac cccctgtacc ccgctccctc 180
 tcacaattaa ctctacagca gaatgtgaat tctctgattt tagaataact attttatggt 240
 aacttcaa atatcctagt tgtatccaca ttcagcttgg gtaggtacct tcatagtagc 300

<210> 1451
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1451
 caaagacaag ccttttatgga aaaggaaatg cgctcccctc catgttcagg gatgagggga 60
 gcagcagcag ccacactccc accatcctca cagaattcct ggacccatgc ggtggctccg 120
 tgagctgggt gactccagcc tcacctgcac accccagccc tgcacggggc cctccttcc 180

cccagcagcc cttggtgagc taggaattga gatccctggt tgtgaaagag ggaactgagg 240
tgcagagaag ccagaggtgt gccagatcct taggcaggat ttagatgaag tcgccctggc 300

<210> 1452
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1452
aaaacacatg cacacatggt tattgcagca aaccaccatg gcacatgtat acctatgtaa 60
caaacgtaca cattctgtac atgtatccca gaacttcaag ttaaagaaaa aaagaaaaat 120
atattagttt agcaacattc aaccttatcc tatataaatt atgctaagaa ctttgttaga 180
taaattctat tataaaaggt cctagctagt agtattaaat ttgttgttgt tgtaatttat 240
gtacaacaaa attcaccat tttaggtata cagtttgaat gctttttggt aattatataa 300

<210> 1453
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1453
tgagtactta tgaaaaattg tgagaaattc attgtgtggg attttcacca ttactacatg 60
tatttggaag taaaaattgt atgactatgt atatgaaact tgttcattgt ctaaaaaata 120
ccctccattt ataatatgtt tttaaaattt gccactgaga agtacaaatt tccttcttat 180
ttcatcttag ttatcaacc agagtcactg gaggcaatgc agtgtagtgg ttaagcgtgc 240
agattctgaa gtttagacaag atttgggttg gaatcctgac tctgccactt actagctggg 300

<210> 1454
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1454
acctaatttt tgagaacagc aagccctatt tgaccactct cttcagcctg tgtgttctctg 60
ctgttttgaa gtaatcaaat gctgtgcatg gtattttacc tgagctgcaa cctgttatgg 120
acttgaactt ctgtttaagt tgaaagcaag agtccctgag tataaaggaa aaacagcaaa 180
acaaaaagca aacaaaaaaa aactgcaaaa gtctaaaata cccattgggtg atgtttttta 240
aaaaaatctt gctttcagct ttcaggagtt aatattcttt gttttaattt gataattgga 300

<210> 1455
<211> 300
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (300)
<223> n = A,T,C or G

<400> 1455
ccagcctgtg caacacagca agaccccgtc tctacaaaaa cttaaaaaat tagctggctg 60
tggtgttgct caccatagt tccagctact cgggaagctg aggcagtaag atcacttgag 120
cccaggaggc cgatgctgca gtgaactgtg attgttccac tacagtccag cctgggtgac 180
agagaaaaaga aaaagaaaac attacataat ttggctagag cataataatt tgattttctg 240
gtttttgaaa atttgagttg cataaaaagga nnnnnnnnnn caaggnttct acaaggnnngn 300

<210> 1456
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1456
 ctgggtcatg aaataacaga ttaaaaatgt tctctggtaa aagaattaaa catttctgta 60
 aatggaagga aaataaaaag atttcagaga gtctgatcaa taatagcttg tgggtcctag 120
 tgagtggagc agtgtataaa gaggttaagg ttttgaggga aaaaaatact atgtcaaag 180
 ggggggtgaat gataaaaatc gctctcattt tccttttttt caccctttcat cttcatttat 240
 ggaatttcta tacaataaat atgtttggca ttttaataaca gtgcctctcc cccggaatac 300

<210> 1457
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1457
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 gtcgtatgtt attacgggga gctggaatcc aaaatcccca cattttcaag ttgtaaatga 120
 agaaactcct aaagataaag tcctgtttat gaccacagct gtagatttggt taataacaga 180
 agtacaggag cctgttcgat ttctcctgga gacaaaagtc cgcgtttgct cacctaata 240
 aagattattc tggcccttca gcaaacgtag tactactgaa aatttctttt tgaaactaaa 300

<210> 1458
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1458
 gattttcgaa actcttcagc tacttgcctt tttttatctg aaaccatcat accttctgaa 60
 agaaaaaagc atatcttcat tgacataaca gaagtgaat ggcccagttc tgatacagat 120
 ggtaccatga tatatatgga gagtggcatt gtgaagataa catctttaga tggatcatgca 180
 tacctctgcc tgcccagatc tcagcatgaa tttacagtac attttttgtg taaagtttagc 240
 cagaagtcag actcatctgc agtggtgtca gaaacaaata ataaagcccc aaaagataaa 300

<210> 1459
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1459
 gtattcatga gaggcaagt ataggttact agggatggat tgtgtgggag aaataatgca 60
 gaggaatga tgatcatctc cattgaatga cagctgttat atagcaaaga taaatgtaaa 120
 attagtctta ttcttggaag tggaagacag cagttatcag agaggagaat ttaatcaaaa 180
 gaatcagaat agcatgggtc caggccagat tcacattgaa gtattttact tatattttac 240
 tgctgttaca ttcaaaatgt atcagaagtc tcatggttca attaataaag tgttattcgc 300

<210> 1460
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1460
 tcattgtgta ataaaatggc agtttccaaa gatggatgtc tttagttttt aaatgacatg 60
 ttgatttttt tcatgatata tgcaaatatt tttgtctttt ttgacctcag aacaaatgta 120

aagcattgat tggagcacac acaaaagtta ggaaatatgc tgcttggcaa ctgagtaaaa 180
gtaaatatat agtctcttaa acttccaaaa aagtatacaa tagtacagga tgggttctat 240
tcacaagctt tctgtctgta accgtaaaag atatcactat ctaaaaataa tatcagaatg 300

<210> 1461
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1461
ctgggtctca ggcctttgaa ctcaaactgg aactacatca ctggcgctcc tgggtctccag 60
cttgcctgact gcagaccttg aaactttctcg ggctccatta acctctttta tatatagaga 120
gagatacata cacacacaca cacacaaaca tacacacaca cacacattgg ttgtatatct 180
ggagaatcct gattaatata cccgataaat tcaaaacaaa acaaaacttg aaaaaaaaaat 240
ttttcagggtg aatattttgt ttttagcatc tgagttttcag tccaaacagg gaaggaaaga 300

<210> 1462
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1462
tgagacagag cagccccaga acacacaccg gggagtacag gagcctaggc cacgtaccca 60
acattgcagg cagagaaaaa agaaagtgtg ttccatgtaa gcaaagtgtg tttggacctt 120
tctctctgtc tgacctaatc atggctcaca gaaagtaatc atactcctaa taatacatca 180
acttatctga tttatccaca caatcacgta gattaatgta tgcttctatt tcttggtcgc 240
tttagcataa tattgatcat aaattgataa ataggaataa aacaatataa ttagattaat 300

<210> 1463
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1463
caaaaacaag caaaaacaaa catttttaatt gttatgcata gtatatatgt gcatttttgt 60
taaattaaga cttataatct cataatgatc atgatttccc ccaaagtctg atgatgacca 120
aattttctatt tctgtcccag accttgaacc cccagcctaa aaatcagatt gcatattgga 180
tgttttcttc tggaagaatg tcaaactgaa caagtctgaa actgatcttt gtgcatcaca 240
accagccaa acctgttact tctcctacat tccctttctt ggtgattggc ttgtccaccc 300

<210> 1464
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1464
agttgtatta ggtcttttat gtgtggccaa ctcatataat ttccagatta actcagaaat 60
attgttcctt tattttgcac atgaggaaac tgaggctcat atgttttttt cttcttttatt 120
ttttattttt agagacaggg tctcgtttca ttgccctggc tgggtctcgaa tttctggtct 180
ctggggtcaa gcaatcctct cacctcagcc tcccagttac ttggaggatg aggtgggaga 240
attgcttgaa cctgggaggg ggaagttgca gtgagccgag attgtaccac tgcactccag 300

<210> 1465
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1465

gtttactttg	ttgtctttgg	ccctttatgc	aatcagtgtg	aaaggactag	ccgtttctgg	60
ccctacacta	aagcttattt	atatttaa	cagtgattcc	aaactttaaa	tgtataacat	120
catgttaatt	ttgtaacatc	aatggttttc	tttaaaattt	caagatattt	atcttggtac	180
ttgtattgga	cagttctaag	aaatcttaga	gggataactg	tcttacctgt	tttttaaaaa	240
agatcagctt	gcaatcttct	gcttcaacca	tatctgtatt	agaatacagt	attatttcta	300

<210> 1466

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1466

gatcaatcca	agctcctaaa	catgggtattc	acagtacagt	cctaaaaaca	ccatccccaa	60
cttgctgtaa	acccaaaaatg	gcgggggcct	cccagatata	ctatgtctgt	gcctttgtac	120
cagctgggcc	ctctgcctgc	aatgccatct	ccatctcttc	catccccttc	caggagacgc	180
tagcactcac	tctctcctcc	tctacatacc	atcattectc	ctcctgaaga	gctactctcc	240
ctaactcacg	tgtcacaaca	acccacctgc	cattatcctc	ctcttcatct	tcacaccggt	300

<210> 1467

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1467

gacagctgag	gcccctggaa	ggcagatcca	actcctcctc	cagcgacacc	actggctcct	60
tcacagcttc	actccaagaa	acttctagac	ccccagggg	gtgtctcaag	tgaaagtctg	120
gccccacatc	tacccccaa	gatggcactg	gctaggactg	cttcagggtc	cggttaacct	180
aggtcaaa	gtccttgggc	gcaagtctga	gttaggctgc	agaaacacct	gctacctccc	240
ccaggttcac	actgacagct	gccgggcctg	ggtcaggcac	agccagtgtc	caccttcagt	300

<210> 1468

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1468

cctagttaaa	tcacaacaag	ttagtaatcc	ataaatgatg	tgctctgttt	ctcttttagta	60
gaaattatat	ttttggctac	cagttaagaa	acttgtactc	ctttgtccct	tatgttacta	120
taaactcaag	atgatgagtt	ttgtgggtatt	tgacttcata	ggcaaaatca	aaattttttac	180
tttgttgcta	ttctgtttta	tgaaataaac	ttctgtctat	gcattttgaac	taagttttcag	240
caaattcaat	ctaaattgaa	taattccagc	tcccagtttt	atcctatgtt	gtcataaaa	300

<210> 1469

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

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<223> n = A,T,C or G

<400> 1469

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gtagattcgc	ttgtaccaat	tttgacata	aggaaacagc	cttagagagg	ttaggttgct	120

tgtgcaagcc	cagggtaggt	ggcaccagct	ctgccaatct	gcaacgcact	ggatatcttcc	180
agccagtaga	ccttgctccc	tgggtgcccc	gttctggatc	tcaggaaagg	cggattaagg	240
ctcctaattg	cgggacctgg	gtggggattt	gntgncctnt	ggtggcanaa	gggacatcac	300

<210> 1470
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1470						
gaggattagc	catgctgggg	tctcttggac	aaaaggctgg	tactgattga	aaaattccct	60
gagtatgtct	agaagtgtca	ggctcctctg	gaatcagtta	cagtgggatt	ggctgcttag	120
gtataatctt	tataagatta	aaaattatag	attatttggc	agcttgtttg	aaagtgttgg	180
tcccaagaaa	aagttctgct	gtgtgttatg	gcagaattat	taaaaaaaaa	acattcttaa	240
gttgagggtt	ctaagtaggc	ttttgtaaaa	acaggcaatt	acttgctgga	ggcagttaat	300

<210> 1471
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1471						
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ctgcacgaga	gggagttact	gaagtccctg	cagagtgact	gttttccctt	agtcagtgcc	120
tctttttctt	caggtctcaa	ggacgggatg	agcttgccct	ggaaagcttt	gagggagtct	180
cgtattttac	cttcatagca	aaagttgttt	ccccacttct	ctccaccatt	tcttatttct	240
tcttgacagt	tggtctggca	catctcttga	tcgattgtag	tattttcttt	ctttcttttt	300

<210> 1472
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1472						
agttgctgtc	agtcttggtg	tggaaaggag	acgcattctat	gacattgtaa	atgtgctgga	60
gtcgtgcat	ctggtcagcc	gggtggctaa	gaatcagtat	ggctggcatg	gacggcacag	120
cctgccaaaa	accctgagga	acctccagag	actaggagag	gagcagaaat	atgaagagca	180
aatggcctac	ctccaacaga	aagagctgga	cctgatagat	tataaatttg	gagaacgtaa	240
aaaagatggt	gatccagatt	cccaggaaca	acagttactg	gatttctctg	aacctgactg	300

<210> 1473
 <211> 148
 <212> DNA
 <213> Homo sapiens

<400> 1473						
catccctgga	gcagcttcca	acactacttc	agggtggcag	tgtttggggc	actgggcgag	60
cctgccggcc	tctagatggc	ctcatctctt	ccttccacaa	actgtctaga	accaataaaa	120
ggaaacctgc	caaaaaaaaa	aaaaaaaaa				148

<210> 1474
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1474

tgccctgttga	acttgaacct	aaaaggacca	ttcaaagcct	gaaagaaaaa	acagaaaaag	60
taaaagatcc	taagactgct	gctgatgtgg	tcagccctgg	ggccaactct	gttgatagca	120
gagtgc aaag	accaaagaa	gagagttcag	aagatgaaaa	tgaagtgtct	aatattttga	180
gaagtggtag	atccaagcag	ttctataatc	aaacttatgg	aagcaggaag	tacaaaagtg	240
attggggcta	ttctggtagg	ggtggatatc	aacatgtgag	aagtgaggag	tcctggaaag	300

<210> 1475

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1475

ctgaggttgt	tttcctgttg	ttgttgttgt	ttttccttga	gaggagtgtc	aagacgtggg	60
aggctgtggg	cagggttcca	cgggagaagg	aggatgctgc	atgtctggga	cttgtgagga	120
ggaagcactg	aagaaatcta	tgtggcacac	ggaggtgttt	tcaggtgttg	aacctatagg	180
aggtctacgt	gatttcctca	ttaggaggat	tagagagggc	agagtcagga	aaccaataga	240
ggaggcctgg	actaaatggg	ggtagtggat	atgtctgagg	ctggggatca	ggctctggtg	300

<210> 1476

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1476

catcagtatg	cttatggatt	tgatgacagg	catagcctgg	gcatatcacc	tcattggtaa	60
agggctagag	cctttccttt	ttatggcact	tctttttttg	agatagggtc	ttactctgtc	120
accctggcta	gagtacactg	gtacaatcac	ggctcaatgt	aggcttaacc	tcctgggctc	180
aggtgtatgt	cactatgccc	ggctactttt	tgtatttttt	ggtagagacg	gcttcgccac	240
gttgcccagg	ctgcaagcga	tatgcctagg	ctcaagcgat	ctgcccacct	caacttcggy	300

<210> 1477

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1477

ggaaaaataa	catgttcact	ttatgaaagg	aagaaccagg	aaaaataata	gaaaataatg	60
aacatgagtg	gagatataga	tgaaagctaa	ataagcattc	actgtgtctt	atcaagagtg	120
actaataagc	tgacagcttt	atttgagttc	tggttaagcaa	attaatatca	tataaatcat	180
tacaatttgg	ataaagcaaa	acctgttatc	aaatttaaaa	actgtttaat	aattcaacac	240
tccagtgggt	tgcttgtgtt	aagcaaaagg	attctggcca	agatatttta	cttcagctct	300

<210> 1478

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1478

ctggaagggg	cagagcccag	gacagggctc	catgtccaca	ggacggcgag	gagcgaagac	60
catgggggact	gagtacacag	atgaagacac	agaagcatag	agaggataag	taatcactag	120
caagtgggaag	aaccgggatt	cagatccaga	acaggctgac	tccagagtca	ctggctgtca	180
tgtagtttcc	tcaactactg	cctcagctct	acaatcccag	agtaaagctc	ttctccaaat	240
gaagagccag	gaagaggtag	aggtggcagg	aattaaactt	tgtaaagcca	tgtccctggg	300

<210> 1479

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1479

cctaggcttt	accctcaata	ctgcttctgc	ctgaccaaac	tgtctctctc	ctgtggctct	60
gtgtgatgtg	acttgtcctc	ttctccaagg	cagtattact	cataaattct	tcttttagcg	120
tactgatcta	tctgtgtcat	cgtcagtc	accacatata	ttaagaccta	ggcacagaac	180
aattctat	ctataaaatt	ctagaaaatg	caaactaac	cataatgaca	aaaagaatat	240
tagtggtttc	ctagggatgg	gatgtgggca	aagagagacg	aaagaaggag	ggattaccaa	300

<210> 1480

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1480

gaaggaagaa	aatttgggac	tttgttttaa	aagtggaata	ctatcttctt	aaacaacttg	60
tgtttaaaac	aagccccaat	ccacacttga	tcttcttaag	ctaggaaaag	tgagctcaca	120
ctgagtgtg	gcaggatgct	ccatgtgcat	cattattttg	tttaattctc	acaataactc	180
tctaaatccc	ttttgaggat	aaggagactg	gggctgggag	aagttatttc	aaggagtaaa	240
taaaaaattc	agaccactt	gggttttatg	ccaaaggctc	tgtttttaca	aatacacaat	300

<210> 1481

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1481

aattcggcag	ctccctcaaa	gaaaggagaa	ctaggaaaat	gttttcgcca	tctcccaaag	60
atgataggaa	agttctgagc	agggttctgg	gtatagcccc	ttgtgagaaa	ttcaaggccc	120
aatcaatgcc	atagatgagt	tatatattcc	aaatttacac	tacttatgta	ggtgtagtaa	180
cctccaaatc	aataaattaa	tataaaattg	gccaggact	ggtgaaacct	agagtcctgt	240
cagaagcaaa	tacaaagcag	ccctttaaca	acagttttta	atttagggcc	ttcaagaccc	300

<210> 1482

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1482

ctgtagtctt	attttgccat	atgacatgat	tgaaatcaac	acctcttaga	aatagttttg	60
ctgcctcata	attgattacc	atcatgataa	cctgtagtca	gtgtgaaata	gagataaaaa	120
ttaatgtact	tagttaaatg	catatgaagg	tctaattctt	ttccagagtt	actcttactg	180
gattatTTTT	agatttttat	taacattact	ggtctctaac	tttactcagt	ctggataaga	240
aaaagaatac	catgcaattg	ttaactattt	gatgttttact	agattaacta	ttaatatatt	300

<210> 1483

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1483

aatgtgtatg	cggggctggt	gggaacagcc	cgggtggcgg	gggtggatcc	ctggtgtgag	60
cctggcttcc	tgtctgctcc	aaggggcgtg	gaacaggacg	gactcaggtc	caaatccctg	120
gtttcctgtc	ccttagtggt	gtggccgtgg	gcaaacgcct	taacttccgt	gagctttgac	180
agtctgtctg	ggaggcaggg	ctcaggcatc	cctggcctct	tgggggttggg	tgagagggag	240

acagagggttt gtgaagegct ttgcacacct gggcatctgg tcagtgttca gtaaattgcca 300

<210> 1484
<211> 297
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(297)
<223> n = A,T,C or G

<400> 1484
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cctgggtgac agcatctact ccatcggtgg cagcgatgac aacatcgagt ccatggagcg 180
cttcgacgtg ctgggcgtgg aggcctacag cccgcagtgc aancagtgga cccgcgtggc 240
gccgntgctg cagcctnca gctagtnggg cgtnctana tgnaacngcc ctattta 297

<210> 1485
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1485
taggatcttt atgtgtggcc aactcattaa attttcagat taactcagaa atattgttcc 60
tttattttgc acatgaggaa actgaggctc atatgttttt ttcttcttta ttttttattt 120
ttagagacag ggtctcgttt cattgccctg gctggtctcg aatttctggt ctctgggctc 180
aagcaatcct ctcacctcag cctcccagtt acttgaggga tgaggtggga gaattgcttg 240
aacctgggag ggggaagtgt cagtgaagcc agattgtacc actgcactcc agcctgggac 300

<210> 1486
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1486
agaaagagtt gtgttgga aa tttgactttg gctaaccag aattgtatag tttctatatt 60
tttatttggt tttaatgtta ccagatggtg gcagtagagg tggcaacctt atagctccat 120
ctggcagccg ggagcttatt ttagtcaaca caaactgtaa ataccatacc atagttatgt 180
tttacctgga agtcggactt agttccataa actgatcatt ttctgtggct tgtagtgttc 240
aaattgtata atattcctca taaaataata tagaaatata gaaataaaag ttataataaa 300

<210> 1487
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1487
ttttttacta tgtaccataa tgtcccatc atgagaacct agaagtagtt tttctcatta 60
gcgaatgcta gaattttatt ttttttcaca tagtgaaaag gtgaaattgg tctgtcttcc 120
tctttacttt agctgctagt aagggtgaaa caacgatggg gcccaaattt aacagttagg 180
tgacatcttc ttctacgtgt gctaagatta cccagacttc actttaccct tatttccac 240
tgactttgat ccctttactt ggtttttattc tgtagtatgg attttttgca tcttttcagt 300

<210> 1488

<211> 300
<212> DNA
<213> Homo sapiens

<400> 1488
gcaacgtgtg cggtcgggcg attccggagc ccctgcgtgg aggaactgct gggcgggagg 60
agacgccggc ggctcgggcg atggctgacc gcacacgttg ccaccctgag gtctttcttg 120
aagtggatat ctactcagac agtaagaatt ataagagctg taagagctca ttttggagga 180
ataatggatg aaccatctcc cttggcccaa cctctggagc tgaaccagca ctctcgattc 240
ataataggtt ctgtgtctga agataactca caggatgaga tcagcaacct ggtgaagttg 300

<210> 1489
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1489
ccgctgcctg cacggcgatg agaacagcga ggtgtggcgg agcctgtgcg cccgcagcct 60
ggcagaagag gctctgcgca cggacatcct gtgcaacctg ccagctaca aggccaagat 120
acgtgctttt caacatgcct tcagcactaa tgactgctcc aggaatgtct acattaagaa 180
gaatggcttt actttacatc gaaaccccat tgctcagagc actgatgggt caaggaccaa 240
gattggtttc agtgagggcc gccatgcatg ggaagtgtgg tgggagggcc ctctgggcac 300

<210> 1490
<211> 104
<212> DNA
<213> Homo sapiens

<400> 1490
ggaagaggga agaagagaag ctggttatct ctagaggatg tcgtaatcta catcacaggc 60
agaactgatg gctcagtggc tgagtggcca gtatatgtgc tttt 104

<210> 1491
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1491
ctggatccag tccaggccag agcctcctct gcagagaagg tactaggtgc ccatgcacag 60
ggtgactgcc agcctcgtgg agtgggggca gtggtgtccc tgcgggcggg cttggtcttc 120
tgaggccatg tcagtgccac cccagggcgg cctccatgg cagtgtgggg ccaacaagcc 180
tgtcttccca tttttctgag agaggctgga aatcctgttc tttttatata taaagtgttt 240
ccttttcaaa atattggcaa ctaagtaaat ccaaacaaag tatgggcaa atcatggcac 300

<210> 1492
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1492
gaccaaggag atgtgagtga aaatgatgca ggctgcttcc aggtgtgacc agtaagatac 60
ttccacata atcttcctac tctttcttcc ctgtttggca tcccatgtgc taagaatggg 120
aaccctgagg tcctatatgt ggaaccataa ggtaaagtgc tttgggctct gaatctcaca 180
cagggctcac tgagaataag aaacatcctt cttgggcttt gtatgaataa gaaaatacta 240
gcaaattttt aagaaggaag taattccagt atttcacaaa cccttccaaa gaatagtaaa 300

<210> 1493
 <211> 298
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (298)
 <223> n = A,T,C or G

<400> 1493
 gaacctttga atagtgggtg tacatacagt ttttcagagc tgggtgtttaa taacaatatt 60
 tttcattcta atattacatt attcttttta tcatttaggt ctttatccgt cagtgttttt 120
 agagaactac tgcacttgac cacaaactga taaatacttg gtactgcccc atctcactgt 180
 tctgtttact ttgtcttaaa tatctctttt ttttttccca ggcagctagt acacnactga 240
 atcctttaag ctttcanngn gaatttgna anctcaggat tgacctttta caagcett 298

<210> 1494
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1494
 gaaggcacga attgaattgt gggaacagga acattcaaag gcatttatgg tgaatgggca 60
 gaaattcatg gagtatgtgg cagaacaatg ggagatgcat cgattggaga aagagagagc 120
 caagcaggaa agacaactga agaacagcca ggctggctct gaattcctga cctcaggtga 180
 tccacctgct tcggcctccc aaagtgctag gattacaggt gtgagccacc acgcctggct 240
 aattttgtat ttttagtata gatgggggtt ctccaaaggc tggctctgaa ctcccgacct 300

<210> 1495
 <211> 196
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (196)
 <223> n = A,T,C or G

<400> 1495
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 tgtctccctg tgctgataca agcatgaact ttctggaata ttctgctagt ctgaaattac 120
 agcaggttgt ctggggtagg ggggaggcgt tttttttttt ttttnnaann agggncnctn 180
 tnnngcccn agggg 196

<210> 1496
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1496
 ttttaacagt gtgccttttg ggagggaccc atgtccatgg ctctggtgag ggccatccat 60
 atgccagctg ggggccagcc cacagtggcc atattggctg cagcaggaat ggtgccacc 120
 tcggcgaatt gaagggctaa gagtcccaga tagctaggcc agagctggaa gcagacagta 180
 aggggaagag ctgctccac aggagaggga gagattccag ctactgcgc agcctgggag 240
 gaggcgtgga tcctggcacg ctgagcctca ggcaccagcc tccctgtgct cgacagcaaa 300

<210> 1497
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1497
agcaacccta gcaatagact gactctacta caaaacaatt tggttatttc tcttactatt 60
tctctattat atctgttgag ggaatgttat catgagcaca ggtattagtc ctatgctttt 120
aatcggttta gtgggtttctt tgtgtctcat tttattcatt tgtaattttt ttaaagacta 180
taaaacttcc acagtttctt tagatcatta agttatatga ctctttttca tgggggtcag 240
ttaacaatac ataagaaaac atttgttcta ggataatata tgacctaaaca gtcttttgtt 300

<210> 1498
<211> 119
<212> DNA
<213> Homo sapiens

<400> 1498
gctagtctga gttttttttc cttttactct ggtattgaca catttttctgt gatcattggt 60
aattagtgc atagtaacat ctgtagcagc tggttagtaa acctcatgtg ggggaggtg 119

<210> 1499
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1499
gttgaaacac gaggtataaa tgaccaagga ttgtacagag ttgtgggggt gagttcaaag 60
gtccagagac ttctgagtat gttgatggat gtaaaaaacat gcaatgaggt ggacctggag 120
aattctgcag attgggaagt gaagacaata acaagtgcct tgaaacagta tttgaggagt 180
cttcagagc ctctcatgac ctatgagtta catggagatt tcattgttcc agccaaaagc 240
ggcagcccag aatctcgtgt taatgcgatc catttcttgg tacacaaact gccagagaag 300

<210> 1500
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1500
atgatgtaaa gtctgaaata tacagctttg gaatcgctct ctgggaaatc gccactggag 60
atatcccgtt tcaaggctgt aattctgaga agatccgcaa gctggtggct gtgaagcggc 120
agcaggagcc actgggtgaa gactgccctt cagagctgcg ggagatcatt gatgagtgcc 180
gggcccatga tccctctgtg cggccctctg tggatgaaat cttaaagaaa ctctccacct 240
tttctaagta gtgtatcaaa atctaaacca aggagtctct ggacaagaag ctgggagagg 300

<210> 1501
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1501
caactcctga gacatacact cattgatgat tcatcacgaa atgtttaatt atattgagca 60
tgacgctagg accaggagga catttgagga ccgtattacc cagaccttac tttcatgtga 120
aacctttgga aaaggcacia ctaaaaaact ggacagaata cttagaattt gaaattgaaa 180
atgggactca tgaacgagtt gtggttctct ttgaaagatg tgtcatatca tgtgccctct 240
atgaggagtt ttggattaag tatgccaaagt acatggaaaa ccatagcatt gaaggagtga 300

<210> 1502
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1502
 gtttttttaa gaacttgata aattttacctt aaaattttaa taaagtatac tgaataacta 60
 agtcaactta gaaaaaaaaa agtggttatct aagacaagtt acaaagccat caccaaagcc 120
 catgatccgg cagacgacta caagcatagg gtcagatcca tctataaatg agagcctgac 180
 atacttcac ttagcaaac atgggagaca aatcagtggg aaaatgatac agtggttggg 240
 aagtgttatt tgaaagatgg gcttatttaa tgtatacaga tgaactcaat tcctctgtaa 300

<210> 1503
 <211> 261
 <212> DNA
 <213> Homo sapiens

<400> 1503
 aaaaagaaaa aaaaaattag ccaggcatgc gaaacgctga ggtgggagga tcagatgagc 60
 ttgggaggtt gaggtgcag tgagccttgg tcatgccact actgcgttct agtctgggca 120
 acagagttag accttctctc aaaaaaaaaa cccaaaattg taaaattact tctatagcta 180
 tttttatga taaagaagtg attgtttctc aaaatcgcac ttaaggacg ttttatggta 240
 .cttgttgga ttgggactta g 261

<210> 1504
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1504
 aagggtgggtg gatcacaacg tcaggagatc gagaccatcc tggctaacat ggtgaaaccc 60
 tgtctctact aaaaatataa ataaattagc cggacaggcg cctgtcctcc cagctactca 120
 ggaggctgag gcaggagaat ggtgtgaacc tgggaggcgg agcttgcagt ggcaccatca 180
 tatagctcac ttagcctca aactcctggg ctctagtggg ctccactt cagcttctgg 240
 agtagctggg gctactgcac ctggaattgt cttaatctgt ttaatacta ttaaaatttt 300

<210> 1505
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1505
 aattttcctt atatgttctt tgacccttga attacttaga aatgtatttt ttaatttcta 60
 aatacttaca ggtttaaaaa ttttgtttct aattactaat ttaattctgt ttcacagaa 120
 agcacgacca tcgtggcatt gaaacttgag ttatagccta ctatcatgat caatttaaaa 180
 aatatatata tagggctggg tgcagtgggt cacatctgta atcccagtgc tttgggaggc 240
 tgagggtggg gaatcacctg aggtcaggag ttcaagacca gcctgggtcaa catgacaaaa 300

<210> 1506
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1506
 aaaaaaatt gtggtgattc acacctgtaa tcacagcact ttgggaagcc gaagcgggag 60
 ggtcctttga ggccaagagt tcaaggccag cctgggcagt ataatgagac cctgtctcta 120

caaaaaat	ttaaaag	taaaagtaa	agaaat	ttta	agataact	aa	atactacata	gtcatatatt	180
ttaaat	attacata	aaa	ggtaa	accaa	atagaag	agg	aaataat	gtt atgccctact	240
tcatatg	acc	aaaaact	gga	agatagt	gtc	tgaaaat	gaa	aatgattgta ttgggaaggt	300

<210> 1507

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1507

atgactt	cct	agcttt	accc	gggg	ttttt	ctgcag	gtg	agaag	gggtg	agtcct	ccca	60	
gatgg	ttc	ttt	gtct	c	ccta	acag	cc	ttta	agat	gt	ggctact	gtt tttccc	120
gttta	acac	ctcca	acttc	attt	ggag	ca	cgggt	tcct	aagg	gac	cct gagag	ctggg	180
tgtc	gggtg	tggt	ttgg	ag	aggc	agga	t	atgct	tc	c	ggctg	ggga gagcag	240
ggaag	gctg	ttgg	cgc	cat	gagg	aa	ag	ccac	gag	gtt	ttag	ctccc	300
												aaccg	actcg

<210> 1508

<211> 252

<212> DNA

<213> Homo sapiens

<400> 1508

cctgg	cta	ac	aggt	gaa	acc	cgt	ctct	ac	taaaa	atag	c	aaaa	attag	c	tggg	cat	gga	60	
ggccg	gc	acc	tgt	agt	ccca	gct	act	cagg	agg	ctg	aggc	tgg	aga	atc	g	ctt	ga	acttg	120
ggagg	cag	ag	gct	gc	agt	ga	gcc	gag	ttca	cgc	act	gca	ctg	cag	cctg	ggca	acag	ag	180
tgag	act	ctg	tct	caaaaa	aaaa	agt	gta	gaaaa	acttg	act	ttta	actt	caa	agt	ttta				240
tttg	aa	g	tt																252

<210> 1509

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1509

cagg	act	caa	gat	gact	tttc	taag	gt	gatt	tggg	gat	gca	gtg	tat	gcat	tttt	tt	actc	60
tttt	t	gaaa	aa	at	cttttc	ttgc	ct	tttg	gagt	gta	aca	ttt	gg	atag	ttt	att	cagc	120
ccata	atag	accaa	aggga	aggg	gata	aaa	aaaaa	attct	ttaa	agt	acc	tcag	ata	aaa				180
agg	ttt	gtg	aagaa	aggga	ctcaa	aatcc	tagg	ttatac	caag	act	tta	tgt	t	catt	ttt			240
gaat	ttt	ctt	tatt	catt	ttt	ctct	ct	gtg	tat	agaa	taat	cagg	ag	atatt	gg	gtg		300

<210> 1510

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1510

ggg	acatt	ac	cagt	cat	gca	aacca	atgt	g	caaaa	atgc	ag	gcgt	t	gctg	g	gagccc	agaa	60
ggc	ctact	gg	ccagg	g	ctgt	g	taa	tg	gcag	cct	gat	gcc	agg	g	gtggg	cctt		120
gag	t	gctg	cc	cagc	aggaa	ctc	ctcag	cg	ccc	aga	atac	caat	ga	ccct	cctt	cccc		180
ag	ctcc	agg	cct	ctg	cttc	cct	ctc	ctt	ccc	ag	gct	ct	c	ttt	gct	ttt	ccctc	240
tc	ctggg	act	gtagg	caa	ag	ccc	ctgg	cac	ggac	agt	ggg	cagg	ac	agc	ag	atgc	ctag	300

<210> 1511

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1511

attattttaa	gcttattcaa	tttaaaagac	tacttgtaat	tccggactta	ttcttttaaat	60
agttgggtatt	aagggtttctt	ttgtaaaata	agaggtggta	gtattttttca	atgcccttaa	120
ttaacaaaat	taaaagtttg	aaaaccatat	gttgattctc	cctcatttta	aaaaattttg	180
taattccact	ggtcacaaa	aatcccaatt	gaggagagct	ctgggaagag	cacattctgt	240
caatgggtct	caacattttg	gtctcaggac	cactttacat	tcttatttag	gaaatgacct	300

<210> 1512

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1512

cttggatgta	tggtttaata	tgtatacctt	ataattctgc	ctctagccaa	atgctatggg	60
tgcaaaaatgt	ggcatctgtt	agttttttatt	gtctgtgtct	tctttgttta	ctataccttg	120
ggtaattttg	tgttaccaa	aaaaaaaaaa	gggacgggta	nggtnaaacc	cccaaaaaag	180
ncaatncnng	nttttancct	naaanncnna	tntcaanggt	natnnccaac	natngggntt	240
ttttnaacnt	tnaaannctt	tangcncnt	atnntggccn	ttnnnaantt	tgggggttgg	300

<210> 1513

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1513

cccactgaaa	actgctgtct	agaccaactt	ttttttctat	tatttttttt	cttcttatag	60
agatgaggtc	tcactatggt	gcttgcccag	gctggctctg	aactcctggc	ttcaagtgat	120
tctctcacct	tggectccca	aagtgtctggg	attacaagcc	tgagccacgg	caccaggtct	180
cagaacaact	gctattgggt	catttaacaa	actccattac	aattttactt	ttcgtctcc	240
ttttctagac	tgagtctctg	aatcattttct	cccatatatt	ctccatacct	agaaaacacc	300

<210> 1514

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1514

cgccgccccca	ctcgccccag	cgccgcccatt	gaaggccgtg	gtgcagcgcg	tcaccggggc	60
cagcgtcaca	gttggaggag	agcagattag	tgccattgga	aggggcatat	gtgtgttgct	120
gggtattttcc	ctggaggata	cgcagaagga	actggaacac	atgggtccgaa	agattctaaa	180
cctgctgtgta	tttgaggatg	agagtgggaa	gactggtcg	aagagtgtga	tggacaaaca	240
gtacgagatt	ctgtgtgtca	gccagttttac	cctccagtgt	gtcctgaatg	gaaacaagcc	300

<210> 1515

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1515

ggatctcata	gctagggaac	atttcacaaa	taagggtgaga	ttttgtaacc	aataataaaa	60
atgaatgttt	ttataagtaa	ataacttatt	tttcatatgg	ctaaagatgg	taaaatgact	120

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tcattctata gccattgtaa ataagaattt gctattgatg aaagaagttc agattggcat      180
ttgaagtatt gagtgtatgg gatctctaag gatttcttag attttatatt taaatatttt      240
ttaaacttta gaggagtcaa caaactggct cttgattttc agcaccctac tctcatgaaa      300

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<210> 1516
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1516
cccagccata atggagcctg aaatcaggaa ttcattgtttc aaggttacat gtacaaatgt      60
atgccctctc agaacaatgg ccatttttgag aaagccagtg agagacagcc agaccagggtc      120
ctctggccta gcacccacca gtgcctgccca gctcagccca agtctcctca cctaggatag      180
cttgatggaa taacaatgta ttttaatttt ctgtagacct aaaactgctc ttaaaaaagtc      240
tatttttaaaa atccatcatt aaaacacaga ctttctccat aataagaagt tggagggggt      300

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<210> 1517
<211> 247
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(247)
<223> n = A,T,C or G

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<400> 1517
tgctattgta ataataacaa taaagagaaa ttagaagtgg gagtcagggt agaaaaaaat      60
gcaaaggcct tggtccttag gagaccaaca ctccagctga gctggcctta gccccagccc      120
cttctaattt ctctttattg ttattattat tattttctct gctattgtaa tatttttttg      180
ttaattaaat gttttgggtc aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa nccngncccn      240
taaaaaaa                                         247

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<210> 1518
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1518
gtgttgctca gtgagcagac ccgactccag aaggacatca gtgaatgggc aaatagggtt      60
gaagactgtc agaaagaaga ggagacaaaa caacaacaac ttcaagtgtc tcagaatgag      120
attgaagaaa acaagctcaa actagtccaa caagaaatga tgtttcagag actccagaaa      180
gagagagaaa gtgaagaaag caaattagaa accagttaaag tgacactgaa ggagcaacag      240
caccagctgg aaaaggaatt aacagaccag aaaagcaaac tggaccaagt gctctcaaag      300

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<210> 1519
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1519
tcattttctga tgctccatga tagagttgca aagcatgctt taaaaaatgc accttattct      60
gcattatttg caagtttact tgtgggtgtga atgttttttc tactatttct actattagat      120
gtgaagaaaa gtataacttg cttaaaatgt gtcacaccat gacaattagt cttctaatat      180
ttgcctcatt tatataaaat ataatacatg tttgtcagca tgtaaaggtc ctggggggcct      240
tgtacctaga gttaaagcag gcacaaagca gccatgacat tgtgacaaga tataccatgc      300

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<210> 1520
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 1520
 gggacgtcca agatcaagag gccagcagat tgggactccg ctgagggctg tttcccgatc 60
 catagatggt gccttctcgc tgtatcctca atggtagaag cacaaacaag caagctcctt 120
 cctgcctctt ttataaggac tccaacctg ttcattgagg ctctgcccc atgacccaat 180
 cagctccaaa ggccccacct cctaatactg tcaccttggg ggtgagaatt ccaatgtgaa 240
 tttgcagggg gaggnngngn aaangnnaat ttcggggcca taccaccctt caccacaccc 300

<210> 1521
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1521
 tgaaggacct gcctgcggct gctttacagt ttgtttgttt ttttttaaaa taagtagaag 60
 atatacacta aagtaatgat aaatgtatag tatagtaa acacaaacca ttaacagttg 120
 tttattttca agtatatgta ctgtacatta attgtgtgtg ctgtactttt atacaactgg 180
 cagcatggta ggtttgttca caccatcttc tccacaaacc tgagaatcgt gttgttgac 240
 tgcaagtcatt taagtttaga attgttcagc ttcattataa tttgtgggaa cataagatgt 300

<210> 1522
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1522
 cccagccag ccttcagggt ccccttggat tgtgtagatg cagtctagcg gggggccgga 60
 gaagggtca ggtgggagg gcctcagcag gctcccagct caggggctgg cctgggggga 120
 accctgggag ccaggggctg actccagcaa cactggcctg tctgcctgtt ctgggagggc 180
 tgtgaggatg tcttgcatg gctctggatt tctgcggagg cacctccatt cctttctggc 240
 tttttttgcg ggggagggt ttgggcctct ttctttgagg gaacaccgtc aaagaaagcc 300

<210> 1523
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1523
 gaagaagctg cagaagaaat gaagaaagt atgatgattt agattttgat attgatttat 60
 aagacacagg aggagaccat caaatgaatt aatatcactg tattaaaagt ctgccgggca 120
 cagtggctca cgctgtaat cccaacactt tgggaggcca aggaggggtg atcacctgag 180
 gtcaggagtt cgagaccagc ctggccaaca tggcggaacc ccatctccac taaaagtaca 240
 aaaaattagc tgggcgtggt ggctcatgcc tgtaatccca gctactcagg aggctgaggc 300

<210> 1524
 <211> 274
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(274)

<223> n = A,T,C or G

<400> 1524

ccttgtggta	gttaccacaa	cacatgcctc	attaagaaac	agcaaccatc	agagggaatg	60
cctgcctccc	tgttaccagc	tctgcagatg	tgacacatc	ttcctgtcgt	aagccaatgg	120
gacttaaaac	ttacctcttg	tgttttggag	actatctttt	tttttttttt	tttngaaaaa	180
gggncccnnn	gggtngctaa	ggcngnaggn	cagggggggg	ancnggggntn	anngaacnt	240
tnnccnangg	ggtnaangaa	nctntcnngc	ntaa			274

<210> 1525

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1525

gaaaaaggaa	agatggatat	ggaagaaatt	attcagagaa	ttgaaaacgt	tgtcctagat	60
gcaaaactgca	gtagagatgt	aaaacagatg	ctcttgaagc	ttgtagaact	ccggtcaagt	120
aactgggggca	gagtccatgc	aacttcaaca	tatagagaag	caacaccaga	aaatgatcct	180
aactacttta	tgaatgaacc	aacattttat	acatctgatg	gtgttccttt	caatgcagct	240
gatccagatt	accaagagaa	ataccaagaa	ttacttgaaa	gagaggactt	ttttccagat	300

<210> 1526

<211> 294

<212> DNA

<213> Homo sapiens

<400> 1526

gctactttcat	aaaaataaatt	tttttgaatc	atatttgagg	atctagattt	tagatgataa	60
tttttgcccta	tggtactttt	agcttgcat	gtgtaaatgg	ctgctagggc	ctgcgaaata	120
gatttttattt	ttggaggggg	atttgttttt	caatacagga	tgatgaaaga	gatgaaaact	180
tttctaataat	agtacaataa	ttggctgtgg	tcatttttaa	gggatcagtt	gcatagcata	240
tagtagatgc	tcaataaata	cttagtgtat	caatatggct	tctgttaaac	attg	294

<210> 1527

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1527

ttttaaaagta	aggatttgct	tctggagttt	aaatagaact	acagtcaact	tacatgaaga	60
attagaaaaa	gtaagccctt	catattttgt	aaaacacatt	tgaggcatc	atctcatttg	120
atcccaatgg	aagccctgtg	aagcaggcaa	gatttggaca	agtttcttca	ttttatagat	180
gaggagatta	agacttaggg	tgcatctgt	aggtgacatc	cccactccta	gcacaatcag	240
tcttttctctg	gcagctgggc	agacactgaa	ccaactcaga	gagtgaggcc	gctgctcaag	300

<210> 1528

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1528

aagtgatttc	ctctgctttt	gtccaggcgc	gccaaagaac	gtggcgctta	gtcacttcag	60
attcccttct	gtctgtgatc	ccctctgaga	aataaagcca	taaatatgct	gagttctgtt	120
gacattcaca	ccggaaatag	cacagagctc	caagtattgt	ggtctccttt	ccgattttat	180
tgctaaacag	caagaaaaac	agcagagggg	ctttcctggc	gagtcagaga	aatgcaacgt	240
ggttttttgt	gtgttttttt	ttctccgcaa	gacagaggaa	actatctctt	cacaccattg	300

<210> 1529

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1529

gctgggagta	taggctgagt	taggaagatt	gcttgagccc	ggaaggcaga	agttgcagtg	60
agccaagatc	gcgccactgc	actcccaact	ggacgacaaa	gcgagatact	gggagtatat	120
gcattcgcca	ccctgggcaa	catagcaaga	ccctgtgtct	acaaaaaatt	taaaaaaaat	180
tagcctgtag	ccctagctat	gcaggaggtg	gaggtgggag	aattgcttga	acccaggagt	240
ttgagggttac	agcgagctgt	gatagcacca	ctgcactcca	gcctgggcca	cagagcaaga	300

<210> 1530

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1530

taaaaaacca	ccttttgttc	gaaactccct	ggagcgacgc	agcgtccgga	tgaagcggcc	60
gtccccaccc	ccacatcctt	cctcgggtcaa	gtcgtgcgc	tccgagcgtc	tgatccgtac	120
ctcgtctggac	ctggagttag	acctgcaggc	gacaagaacc	tggcacagcc	aattgaccca	180
ggagatctcg	gtgctgaatg	agctcaagga	gcagctggaa	caagccaaga	gccacgggga	240
gaaggagctg	ccacagtggg	tgcgtgagga	ctagcgtttc	gcctgctgct	gaggatgctg	300

<210> 1531

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1531

ccaacatggt	gaaaccccat	ctctactaaa	tataaccagaa	attagttggg	cgtggtggca	60
ggcacctgta	atcctagcta	ctcgggaggg	tgagacagga	gaatcgcttg	aaccggggag	120
ggggagggtg	cacttagccg	ggatcgtgcc	gttgactctc	agcctgggtg	acaagagtga	180
aactccatct	caaaaaaaga	tgagatgaac	tcctaggttc	aaatgatcat	cctgcttcag	240
cctcctgagt	aactgagata	caggcacggg	ccaccgtgcc	cagcttgat	actgcacttt	300

<210> 1532

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1532

atccaactgt	ggcttctccc	aggaccatta	cacttgatc	taaataccta	cttgacatct	60
tcttttggat	actgaataaa	gatcttgaac	aaacaaataa	aaacagtagg	ttgttgatgc	120
atgttacttt	gcccataaga	tatattctat	cagaatgtga	tttgtatata	taatatgttt	180
acatattaaa	ttttgattca	attaaaattc	tccacagggg	agattctgtg	gtaagttctt	240
tcgtaaatga	agtaattatt	ctagtgtatt	aagttcatgt	tacttgatct	ttatgcttta	300

<210> 1533

<211> 298

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(298)
<223> n = A,T,C or G

<400> 1533

gtcagatggt	agaaaatgaa	ataattaaat	agataccatt	tgagttcttg	gagccagggtg	60
aagaagtgtt	tgtttgtttt	tgagacggag	tctcactctg	ttaccaggt	tggaagtgcag	120
tggcctgac	ttggcgact	gcaacctccg	ccttctgggc	tcaagtgtt	ctcctgctcc	180
agccttctga	gtagctgggg	ctacagacgt	gtaccaccac	acctgggtac	tttttgatt	240
tttagcagag	aggggatttc	tccatgttgg	tcangctggn	tttgaactcc	tgacctca	298

<210> 1534
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1534

gcaggacgtc	ttcttcgaca	tggaggccta	cctgcccag	aagaacgggc	tctacttgaa	60
cctggctctc	ggcaatgtga	acgtgaccct	cctcagcaac	caggccaagt	tcgcctacaa	120
ggacgaatat	gagaagttca	agctctacct	gaccatcatc	ctgctcctgg	gtgccgtggc	180
atgtcgattt	gtccttcact	acaggtagtg	gggtgtggcg	tgtgtgcctg	ggcctgggca	240
tgcagacgtc	aggtgggggc	cgggagagag	ggatccaggg	gaccgggagc	ctctcctgct	300

<210> 1535
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1535

gcaagagatt	tcacagacct	gattgttatt	aatgaagatc	gtaaaacccc	aaatggactt	60
atthttgagtc	acttgccaaa	tggcccaact	gctcatttta	aaatgagcag	tgttcgtctt	120
cgtaaagaaa	ttaagagaag	aggcaaggac	cccacagaac	acataacctga	aataattctg	180
aataatttta	caacacggct	gggtcattca	attggacgta	tgthttgcac	tctctttcct	240
cataatctct	aattttatcg	aaggcaggtt	gccacattcc	acaatcaacg	ggattacata	300

<210> 1536
<211> 293
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(293)
<223> n = A,T,C or G

<400> 1536

cagcgatagc	ccaaaggctc	tgcatgtatc	cctccaatgg	ccaaggatcc	cgtgtgtcat	60
ctgcaggagt	gagtaggcct	gctgtatttc	ttgtaactgc	tgggtgttac	aaaataagtt	120
acaatgtttt	acacttttaa	aaaaaaaaac	agaaggaaca	tttgctttat	tggttactta	180
ctagtttagc	ctctaggtta	tggcacagca	tgctaaaaaa	tcattgtgtt	aaaagtaaat	240
gttggtaaaa	tgctggcatc	tggtcctatt	gngttgatgc	atthttcact	ctg	293

<210> 1537
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1537
 gaagactatg tagaaatgaa ggaacagatg tatcaggaca aactggcttc tctcaagagg 60
 cagttgcaac aactgcaaga aggtacatta caggaatatc agaagagaat gaaaaaacta 120
 gatcagcagt acaaagagag gatacggaaat gcagaactct tcctccagct ggaaactgaa 180
 caagtggaaac gaaattacat taaagaaaag aaggcagcag tgaaagaatt tgaagacaag 240
 aaggttgagc tgaaagagaa cctgattgct gagctagaag aaaaaaaaaa aaaaaaaaaa 300

<210> 1538
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 1538
 gatatgcttt agaattaagg tgagtggat tatctctagt ttgagacaaa gagaagcgaa 60
 gtaacaaaag gccacataag tgataaatag tggacctgga gtttaaacct gggatcccca 120
 cctaaatcag aaatacaaaa tcaaccactt ttttgatgat ccagggtcta tgtatattta 180
 ttacatgtat gtatatatgt atatataac gccatgtgta tatatgtaca tncatacna 240
 tagatgtgct tgtactagcg tttttccac caggatagtt agcctttctt cnccttgc 300

<210> 1539
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1539
 cccacttcta gggatatggg gatgcagctt caagcccagt gccagtgct tcctgttaa 60
 ctgcaggaat gccaaagcacc tggccagagc agcccagccc caatatgctt aggaggagac 120
 agagttccct ctgtatagcc tctgggacaa gaaaaagaaa acacaagaat gtataactg 180
 gaagatttgg gcctcctgcc tgccttctct ttgtttctgt tcctcttccc atctactccc 240
 ctacgccct tcaacctttt ttctctgtct gcttcacctg agaagaaagt gtacgaagag 300

<210> 1540
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1540
 gttacctgtg tatgactgaa gtacatatc gttatctgct tgagacagta cagattgggtg 60
 tatagtattt tacagccact tcattatatg ctatttccgt gtactggcaa aaaagagaat 120
 aaaacttcct aggatataag tacctactgc tgttttggtg catgtccagt taggcttttc 180
 tctttttatt tgtttgtgta cctgtaactc catataagca tatataatca tgttacatat 240
 gtttaaaagg cgtcattttg caatgcagtt ttatcactag ttttttctct gtcaagggat 300

<210> 1541
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 1541

gagagacagt	gagagagaca	caccatgggg	cctgatatgg	aggcacttac	gtccaccaat	60
gctgtaacat	ttgcattcgt	taacaccctt	tcattaattt	attaaatcat	tctccagtgt	120
aactttctgta	gaattcccag	tttttgcttt	tatgaaattc	tgtagtgtgat	gaacctcaga	180
ttttacaagt	aattgaactt	aactacagga	gaaggaggag	aagaagggtg	agggaaagga	240
caagaaaaaa	aagcaagata	taactttttt	tgggtccctt	cttttaatat	tttttctaaa	300

<210> 1542

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1542

ctcattttgtt	tcattcacat	tcctcacgtg	caacaacata	attatatattt	aagaaaatgt	60
aactttgttta	catcaaaaata	tggtgtctag	taaaaagttg	atattcagta	gaacaaggat	120
catgtaaata	aacatctatt	tcacatgtac	ccaaaagcat	ttaaaaagca	gaatccaggg	180
cccagagcat	gagccagggg	ggaggatgtt	tttcttcttt	tctctatttt	tccttaaatt	240
gtgcaaacat	aggtgagtct	cttaaccttt	ctgtgcgtca	gttttttctac	ctctaaaggg	300

<210> 1543

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1543

gttaggttgg	acacagaagg	ggcaatcaaa	tttctgtatt	cagatacctc	ttaaagggtac	60
actgtgccac	cttgctgcct	ttgattgcaa	atacaaagtt	aatttttcaaa	aaggaaaaac	120
aaaacagctc	tttttcctaa	aacacatggt	gtacttcaga	cctaaaattc	taagtcttat	180
ttgtttctca	cccatgagtt	agatttaggt	aatagtatta	gtagagtcct	tagagaatct	240
taagagggtca	tttactccac	ctctttcatt	ttaaattggg	gtatccaaag	cctgaagagg	300

<210> 1544

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1544

tgcactccag	cctacatgac	agagtggagc	cctgtctcaa	aataataata	ataatgaact	60
gagactcaga	aaagatgttt	gttcagggtt	acaaagctca	gacaggacag	ggcagcattg	120
gaaacaaaaa	ttggtctgac	tcctaggctc	atgctgtaaa	tcacgggtgca	aggcttctac	180
tatctatggt	tttcctaaaa	gaatgtataa	atgaaaagat	ggttaacata	ttaagcaaaa	240
tatgttaaac	gtcaaatgaa	ctgtataaac	gataaatgct	ggagagttga	ggtggcaaa	300

<210> 1545

<211> 245

<212> DNA

<213> Homo sapiens

<400> 1545

atcgattaac	actttctaatg	agtcaagtc	tagggttttt	tggttttgtt	ttgttgccaa	60
cgaggaacac	agctctgggg	gaatgggtgc	atccacctcg	ctttaaaaat	aagcacatga	120
tggctgggca	ccgtgggtca	cgctgtaat	cccagcactt	tgggaggctg	aggcgggtgg	180
atcacctgag	gtcggggagt	tgagaccagc	ctggccaaca	tggtgaaacc	ccatcgctac	240
taaaa						245

<210> 1546
 <211> 189
 <212> DNA
 <213> Homo sapiens

<400> 1546
 ccgccgcgcg caccaccacc accactgcag caacaacagc agcagcagca gcagcgccctg 60
 catagctcca ctctgacctg tgaaggaaatg gggatgaggc caggagctag tgtctaccac 120
 ggccacacag ggagcagtgt gggcccttag cccccaaggg gcctgctatg catgtggctt 180
 tttttttttt 189

<210> 1547
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1547
 gacctcatg ccaccagctt ctgctccagc ctttcttact cattaggctc tagtctcact 60
 tcttattttt taaattgtga gtaattttca tgcttggtag ttgatttctt ttocatctct 120
 gtatgcatac ttctgcacc tagtaggcac ttgatttttt tttctttgaa tacacagcag 180
 atgccatgta aactcattag tacttgcttc agaacactga attcttacct gtgttaaata 240
 catgaataca ttaaaaactt tttagtttta cttagaagta tataaagtgt aaactaatca 300

<210> 1548
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1548
 gtccaggcca ataactcagtt ggtaagtga aaaaagtgtt taaagtgaag aattataaag 60
 aaagtcatta tggatctcaa acttttactt taattgaaac cataaaaaca tatattcact 120
 caccaatggt ttatgcaggg ttaatgcctt ctctttaaaa ttggacttct gattggattt 180
 ctacctcatt tttcttatgt aaacacttat agttcacttt tgatatttat gggttttgat 240
 ttttgaaaca aagggaatat gttaaaacat atactgttca gtaatgccac ctaatccatg 300

<210> 1549
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1549
 gttgaaggta tgtgtcagtt ttaaccaggt gttgagttat ttgatcactc ctccaaagat 60
 tatttaatat tttcaataat atctaataat gtgtgggaaa ccgtagaatt tttcatacaa 120
 actgggacaa atgaacatgc atactattaa aatacttcct acaataggca taaaatgggc 180
 tttcttaggt gaaccaggag gtatagttag cctaatacata tgctatgatt attagtaata 240
 gttttctgtg ttttatcatt catatttgta aatctttttt gaatgactac ttggaaatga 300

<210> 1550
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1550
 atttatttgc cctatttctt ccatgtacgg agacattaca gcaacagccc agtcagattt 60
 ttttcatgct atcttttagt cagatttaata ttaatgtgta tttctagttt attgcttctg 120
 ccatgtttta ttctttatga agatccccga gtattgagtg tgccagttac cagattctct 180

cccagctcta	aattacctct	tcattacttg	atctgcaata	ttggagccta	accctttagg	240
ccaggggtgt	ccaatgtctt	ggcttccttg	ggccacattg	aaagaattgt	cttggggcaa	300

<210> 1551
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1551						
gcagggtccc	tcccacatct	aatccaccac	taaggcctgc	ttcttaatag	ctcttggtcg	60
gctttgggtg	agacaggggt	ttgctctgcc	gcctaggctg	gagtgcagtg	gcgtgatcac	120
tgcagcctcc	aactcctggg	atcaagcagt	cctcctgcct	tggccttcca	aagtgcctggg	180
attacaggcg	tgagccactg	tgcttagcct	gaatagctct	taaatctatc	cacttttctt	240
cctctgcaca	cctgacaccc	tagtctgtct	gcctctctct	ccacctggac	aacctcgccc	300

<210> 1552
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1552						
gcgtcgctaa	ggtataaaac	ttgaaccatg	attttacatt	tccagttctc	aaggacaggc	60
tttgaattta	atttggtgtt	aagagtaatt	agcaattcta	gggaaaaaaa	agctattttt	120
attttctcta	cctcctaaca	caaaaggtaa	cattcatctt	ctaggaaggg	aaactcttga	180
taactctgtg	tctttctagg	tcagccacag	actacactaa	gtcaccaact	ccaaagggga	240
aatttggtct	tttggtgagt	acttgtgcta	gagaacagta	gaatgcataa	tctggtcagc	300

<210> 1553
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1553						
cttagaggcc	ttaggcaggt	ctactgggtc	tcccaagctg	agacctgtta	ttcccacttt	60
gcagacagaa	taggtcctaa	gaggtcatcc	aagaccacac	agactgcaca	gaacagctga	120
ggtgggaacc	ggggacttcc	ttctcatatt	ttttgaatga	attaatgaat	gagggattgt	180
gagaatgggg	ctggcctgtc	ttatgcagcc	tctccgagag	tggcccaaga	actctgaaat	240
ggtcctggaa	gtagagagag	aaaatggaaa	ttgacagtct	aggactcaac	agccacaaag	300

<210> 1554
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1554						
gatacatcca	aattattattc	atgttatagt	aaatcagatg	aagccttgag	cttctcagca	60
gccacgtaag	gcttaaatat	gagggaacag	gggctcttag	aagtgaagtg	acttctgaaa	120
gatgcacaga	gaattaggaa	agagtctgaa	ttcaaccttg	gaacctgac	tttcaggtga	180
gtgcctggcc	cactaaagaa	tgacaaagcc	atggggagtg	gcatggaaa	catgagcttt	240
ggagtttagac	aggcctgggt	gtgaatcctg	gtcaccccag	ttctgttaaa	gacctcagaa	300

<210> 1555
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1555

gctttatctc	taaattagaa	tcacaaatgc	gtaatctttt	cagggtaaaa	atgtgtcatc	60
tttaaagtct	gtttcagata	tatttttaaat	tactatttta	aatgaattca	tatggaaaag	120
tcgtgggagc	ttaaggcctt	gtttaaaagg	gaaaaaacia	ctgagtcctt	ttagattaat	180
caaaaactat	cctcttcctt	tggagaggag	agagtgtttg	tcacacgcgg	aatgaagtgc	240
catgttcttt	gaggcacgat	ttgtatgcc	tttggaggag	ggagtcctgt	caagagaatg	300

<210> 1556

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1556

caagattggg	ctatggaatt	ggaaggcctg	ttttggagta	ctctaaatta	aaaaaaagtt	60
atatttgtaa	aataaccacc	acaagattgc	ctgattcaca	gttcttctga	gtattggcgt	120
aggtaattat	ttaagatgtt	tgataaattg	taaaatgctt	tttacatttt	ttaagggaatc	180
aattgaacta	ctggaaacca	gtatgtagta	ttcttggcag	gtctagggtt	cataatccta	240
atttctttgc	agcccactat	tcagaaatgt	agtgattaac	agagtcaaga	atgtttcagg	300

<210> 1557

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1557

gtgattccta	tttcaatatg	tgaaacactt	aaccaaagaa	tatatttcga	tgaatcttaa	60
acttgcccta	aaaacagaag	aggttaaaaa	gaatttagaa	aaaataaagt	tttagagtgt	120
ttgagaatgt	gtatataaaa	tattttcaaa	gccataatat	ggatgctctt	atggctcaga	180
agcatgccta	ctagaacacg	tctcggaatg	agagatgttt	aattctgtca	cctcccagaa	240
agttttgcag	ggtttctcac	ttgaatttgc	ttccctttgc	aacctcttgt	cctgaaggcc	300

<210> 1558

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1558

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gccacgcccc	gcagtgggtg	gggaccacac	gattttggaa	acgacctgga	cacactattg	120
ggaaggagat	gtggacggcc	tgtctctctc	tgcagggccc	accctaagaa	tgtattttta	180
aacacatgaa	ataagtattt	ttcactgata	aaaaaaaaaa	aaaaaanaaa	ttnnnccntt	240
taaantntn	gtgggnnttt	tnacnnannt	ncaaactngn	aagaanttcn	tngtggattt	300

<210> 1559

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1559

agtaaattca	gtgtttctgt	tgccgaagag	tgtttattgg	ttctttcact	ttcatttcat	60
agggcccttt	cttctactgg	cattctcact	ttgaattact	aagaagtttc	ttctaataatc	120

cctctatctc	ctttttcttt	ctagtttttag	ataaagctgt	caaaagaaca	gttatcatag	180
aaatagaaac	atttaaatta	ccggcacgat	agcttatctc	ttgctgcaac	cattcagaat	240
atctattttg	cactgccttg	ggtgctttga	agtgaactg	tgcttagata	taaaaagttt	300

<210> 1560
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1560						
ggaacgttga	ggaggacttc	aaaccagctc	cggagtgctg	gataccagca	aaggagacag	60
aacaaataaa	tgggaaacca	gtgcctgatg	aaaatggaca	cattcctggg	tgggtaccag	120
tagagaaaaa	caacaaacag	tattgctggc	attcctctgt	agttaattat	gaatttgaaa	180
ttgccctggg	actaaaacat	catcctgatg	attctggact	tttggaattt	agtgcagtgc	240
cactttcaga	tctcttagaa	caaacactgg	aactcatagg	aacaaatata	aatggaaacc	300

<210> 1561
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1561						
gctgcctgtg	gcatagccac	tgctgtacgt	ttttggttgt	ttttaagaaa	ctcgatgaag	60
aggggtgtca	ttctgggctc	gggggtgggtg	ccaatttttc	accagaaagg	gagccacccc	120
ttgcaaccac	ttctgtctcc	gttagccccc	cctctgccct	cctccaagcc	aaagcgtggc	180
ctggcttttg	tcttccattt	tagttttcct	cttttaccct	tccttttggtg	cttaatttat	240
taaaatagtt	gctgtataat	ttattttcat	aaactataaa	aaaataactaa	atgggttaaaa	300

<210> 1562
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1562						
atctgaaccc	atgaagttga	gtaaaaaaag	caattttgcag	aaggatacat	acaaaatgac	60
accattttata	tagtagactg	aaagcatgca	gaacaatcca	ttgttgttta	cgtgtgtaac	120
agtcatagga	atgacaacca	ctgccttcag	aattatggcg	acctctgcga	tggaagagaa	180
tgggatcaga	gaaggataca	caataggcct	taactgattt	tgtgattatt	gatattagaa	240
atgttttaaaa	ttaagatatt	aacattttcat	gaagctgagt	ggtgagcaca	ccagtgttat	300

<210> 1563
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1563						
tacatatttg	tcataattac	aataaaaatac	aaagagctat	tttggaactg	ggcaagctgt	60
ttctaaatgt	atatggaaaa	ataaaaatgt	ctccaaaaaa	tccttgacaga	gggaaactag	120
cccttcacaga	tataaaatat	attatagaac	tgtgttaatta	aagcaatatg	gtactgggtcc	180
ataaaagaac	ataaaaacca	atagtttcagt	agactcaaaa	tgcaagcgtt	ggtgagggta	240
tggagaaaaag	ggaacccttt	tacacttggt	gtgaatgtaa	attagtacag	acattgtgga	300

<210> 1564
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1564

gtttactatt	tattgaatga	tgagccatac	tatttaaatt	aacaaaatta	actgacttaa	60
cgaaattatc	tccagaaaaa	tactcttgga	aaaaagtcac	caatgttcgt	ataattctga	120
tattttaaaa	aatcttttag	attaaaacaa	agggtcacaa	cctccataga	gtcaatgcta	180
aatgggtgaa	aatgtgacat	aaaaatgccc	tgtgttcacc	agattgtcat	atactttatg	240
taactcacct	cagttattat	tatgectact	acacagatga	aaagactgaa	tctcaggaaa	300

<210> 1565

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1565

atttaaatag	tctgtcttta	agagtagctc	tgagattttt	ttctggtaaa	tcactattta	60
acctctctga	tttgtttagt	ttttctcacc	tataaaattg	aaatgataaa	atgaagggtta	120
aattagaaaa	tgtagaaaat	gcctagaaca	gagtcctgca	tatggtttgt	actaaagtgt	180
tttgttcccc	atggatagta	tcttctctta	aagatccttt	gaaagggtct	taaagtgaac	240
cttgtaggat	ggtaattttt	gttcatttta	atttttttag	taagttttga	ttgagatctt	300

<210> 1566

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1566

atttagtcac	tagctataat	acatttagtg	aacaaatgta	gtcttgcact	aaaattagag	60
aatacctatc	cttttcaaga	atacataaaa	taatgaccat	atatatacca	cagagtaagc	120
tgcaaccaat	tctagataac	ttaaatacac	accatgtttg	gaaattttaag	aaaaaaaaac	180
acattttataa	cttggtggatc	aaaaaagtca	tagaacttag	acaatacttg	gaactgaatg	240
taaatacaaa	tgctattaaa	attttagtagta	tgagtttaaa	caggacttgt	atacgcatct	300

<210> 1567

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1567

gtttaatctc	tttaactatc	aaattgcaat	tttttttttg	ccttgcaaat	aaacaaatta	60
caattgtcat	ttactgggtga	gacaatgaga	aaaagacacc	ctcaaacact	gttggttagaa	120
cacaaattgt	taaaatcttt	ctaggagtca	ttttcaaaat	atgtatcaat	gacctaaaaa	180
tatttatgtc	tctgtttctt	atacttccag	aaatctattc	tacagtaata	accggagata	240
aaaaccttta	catataaaca	tgatttatta	tactgaaaag	tcaaaacaac	ataaatatta	300

<210> 1568

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1568

gtgtagggcc	ccatcgcccc	tcattactcg	ggtttcatat	tttgctgttt	ttgatggaca	60
tggaggaatt	cgagcctcaa	aatttgctgc	acagaatttg	catcaaaact	taatcagaaa	120
atttcctaaa	ggagatgtaa	tcagtgtaga	gaaaaccgtg	aagagatgcc	ttttggacac	180
tttcaagcat	actgatgaag	agttccttaa	acaagcttcc	agccagaagc	ctgcctggaa	240
agatgggtcc	actgccacgt	gtgttctggc	tgtagacaac	attctttata	ttgccaacct	300

<210> 1569

<211> 300
<212> DNA
<213> Homo sapiens

<400> 1569
gtgattagga gtgacagagt aggtaaagca gacatcgtct ctgtaataaa tacacatggt 60
gataagtgt ctgatgaagt aaaatagagc actgtggaaa cacagaggag ggggtggaaa 120
aagtcaggga agtctgttca gaggaagtca catgtgaagt tagtgaagtg ggggaagcaaa 180
tgggtgcggt gggaaagaga gtagttcctg aaaagggaac agcatgtaca aaggcctaga 240
agcaaaacat tgtatgcaca tagtaactgt ttaattggat atgaatttta aaaatcacat 300

<210> 1570
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1570
gccacatcgg gggcaccacc ctccatgcct ttgcaggcat cggtcaggc caggctcctc 60
tagcccagt tgtggccctg gcccaaaggc caggcgtgcg gcagggctgg ctgaactgcc 120
agcggttggt cattgacgag atctcaatgg tggaggcaga cctgtttgcc agtggccagg 180
cctatgtggc cctttctcgg gcccgagcc tgcaggcct acgtgtgctg gactttgacc 240
ccatggcggt tctgtgtgac ccccggtgctg tgcacttcta tgccaccctg cggcggggca 300

<210> 1571
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1571
ataaggcagt ctctcaaaag tcatactgcc agagtctcta gggcaaggag aaacaactag 60
ctggacaata ctcaattcac aacttagcat tttgccatct gaagcttggc aaactagtat 120
ctgctgtaaa acaacctata tggatgtga accgtagtat tcctgagcaa aacgtggctt 180
tcategcttt gtaaaaattt gcatctgttt agaaactagc ctataaaata tcaccattgg 240
atgtagatat ggagagaaaa gaaatatgtt gggtttattg cttagcgaaa tattctcttt 300

<210> 1572
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1572
gctatgtgt ctgactttgt tgattcaaat aagtaagcta aatcaattta agccattaat 60
aggtttataa agttatttgc tatgtgtgt tcttacatca ttgattcatg taagtagact 120
tgtgtgacag ctaattctta aaaaattatg aagatgttag acttcttttg atatatatat 180
gttgattgta tgaacagatt gacatcaata tacttattca ttataaaaga tttgagtggg 240
aactcacaa atccacacc aaaaaattt aaaattttac catagtaaaa aaaactaaaa 300

<210> 1573
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1573
gcacaattgg tattcaaac caagtctgtt tgactcccaa acccatactt tgaacctgaa 60
gtctgtactg ctgaaagttt ctcttattg aagaatttat attttgcat aatttatgtc 120
ttcagaatta tacaaagtat tgggcccacac caaatttgag tctggtatag tagccttctt 180

gtaaaaaatt atatcatata acattttttat gactgtgaag acctcttaac tcttcaggaa 240
ggagggccct ttttcaaate agacatcctg gggttttttac tgaccttatt tcattctctg 300

<210> 1574
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1574
gtgggtcagca gtaagatgga agaaagaaag tcaaagctgg aagaggccct caacttggca 60
acagaattcc agaattccct acaagaattt atcaactggc tcactctagc agagcagagt 120
ttaaaccatcg cttctccacc aagcctgatt ctaaatactg tcctttccca gatagaagag 180
cacaaggttt ttgctaataga agtaaatgct catcgagacc agatcattga gctggatcaa 240
actgggaatc aattaaagt ccttagccaa aagcaggatg ttgttctgat caagaatttg 300

<210> 1575
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1575
atgacatagt ggatctgaga gcacttacag catttctgca ccatgttcag tacttgaatc 60
tgaatctaaa gagagggtt tattggatca ctattctggg ataatttga aataacaact 120
aataacaata acaacaattt ttgttttggg aaaaaataat acaaccaaat gaaaatagat 180
taatcaaac agtgaaaacc ctgtccctt ttctgagctt atgaaaagag aacctaat 240
gtaggcatc tttttatagc taatgtgcta attgcctcag agataacacc tgtgtaattt 300

<210> 1576
<211> 276
<212> DNA
<213> Homo sapiens

<400> 1576
atcattctgg atttaagttg ctttgtctct tgattgctca tgaacattcc tatgtgagta 60
aatattcttc ccaatgtgat ttttttcttg ttgttaaaga caggctctgg ttttatcgcc 120
caggctggag tgcagtgaca taatcatagt ataagcatag ctactgcag ccttgaactc 180
cagggtcag acaatccacc ttcctcagcc tcccagggtc ctgggattac aggtgtgagc 240
cactgcactc tgcccccaac atgatttttt tttttt 276

<210> 1577
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1577
ctctgttcag aagcccctga ttttgtcca gcagcactct caccctttct agtgagtaag 60
tacactggat tttaaatccc tagcacctag cactgtgctt gggcagccca gcataggcac 120
tcaataaata tgtgaatgaa tgaatgtgtc tgtctgtcag tcagtcagtc agtgtttatg 180
ggatctgagt gtattcacta gtagattcta tgttcttact tggcttcaag aacctgtgaa 240
tgaataagga tcaccactgt aaactaaaaa caaaatttta agccatcagc tgactgaaga 300

<210> 1578
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1578

aaacaatata	actcaaatgc	ctttctacag	gactacaaag	ctgtctgtat	caggttatgg	60
agttaaatca	taattttctgg	atcatgatct	taaaccttta	attgggtcca	tttctacttt	120
actctttact	aacaagtatc	ctgatggcct	gaaaatccat	gttgaaattt	gaagtttgaa	180
ttttccagat	caaatatgaa	atttattttc	atttttttaa	gtacaaaata	tcagttgtat	240
aatcatggta	aaacataaaa	ttttgctata	aaagattttt	aaaggctatt	tgattaaaaac	300

<210> 1579

<211> 78

<212> DNA

<213> Homo sapiens

<400> 1579

ctcagaacca	ctctgtcgtt	tttaagcagg	gtcacacact	ctagctcact	gggtccattt	60
taattttctat	taaacatt					78

<210> 1580

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1580

gccaggctgg	tcttgaactc	ctgacctcag	gtgatttacc	cgcttggcc	tcccaaactg	60
cagagatcac	aggcatgagc	caccattcgt	ggccagttgt	tagtttttga	gatagtgtct	120
ccagtttaca	gatagggaga	ttgaggctta	gaggaggcac	atagtggcag	aactaggatt	180
tgaatccaag	tctgttttcc	ctccaggacc	caagccctta	accactgtgc	atttttaaaa	240
tagccagagg	aggactcatg	accaccacct	ggggatgtga	gcaaagccag	agtccagaca	300

<210> 1581

<211> 299

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(299)

<223> n = A,T,C or G

<400> 1581

gaccaacctg	gctaacatgg	tgaaacccca	tctctactaa	aaatacaaaa	attagctggg	60
cgtgatggca	tgtgcctata	atcccagcta	cttggggaggc	tgaggcagga	gaatctcttg	120
aaccggggag	gtggagggtg	cagtgaacca	agatcacacc	actgcactcc	agcttaggca	180
atagagcaag	actctatcac	aaaaaaaaaa	ngagagagag	agananataa	agaggtntnt	240
tgggacantt	anncatnttt	cctacatttt	ctcttttttt	caaagcccan	aatccttgc	299

<210> 1582

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1582

tttaaaaaagc	atttttattat	gtattatgaa	atattttcaaa	cataaaaaaga	tgtaaagact	60
atctaccaat	gactcccccc	ttaataaaaac	aaattaacct	gaaggctgtt	ttgtgcccct	120
ccttgattgt	gcattcacct	cccaaccctt	cgctccttgg	gcaactgtta	tctttgttat	180
ttgtcattgc	cttaacatta	gatttttttta	ttactgcttt	tgtaattcta	atgatatcaa	240
atgggaaaaaa	tatttttgaat	gcaactcctc	ttttaatttg	ctccaatttt	atctgtattt	300

<210> 1583
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1583
 gagcgacaga agcttctgga aaccatgcag cacttgcagg aggaccggga cagcctgcat 60
 gccaccgcgg agctgctgca ggtgcgggtg cagagcctca cacacatcct cgccctgcag 120
 gaggaggagc tgaccaggaa ggttcaacct tcagattccc tggagcctga gtttaccagg 180
 aagtgccagt ccctgctgaa ccgctggcgg gagaagggtg ttgccctcat ggtgcagcta 240
 aaggcccagg agctggaaca cagtgactct gttaagcagc tgaagggaca ggtggcctca 300

<210> 1584
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1584
 ggaagagctc gtcttggagt ccaagctttt gccacttcaa ttgcaccagc tccaggaacc 60
 atacaacccat cttcaatggc atttttgata gcacgaagtc catctcttat ggcatacctg 120
 acttgtgtga gagtatgctt atttggctct ttaaccaaca aggtaacaga gcaaggggta 180
 acacactcct caataaaagt gaacttttct tcacctaata tatactcata cacaagacca 240
 gcatgtccca agcaatctac agtgagatct tcaaaagaat tcacggccat tccaccacaa 300

<210> 1585
 <211> 275
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (275)
 <223> n = A,T,C or G

<400> 1585
 ggtaaagctt cattcagtat ccattcaccc aatactgggtt tgattctagg gcctaggaaa 60
 ataggactga gcaaagccct tgtccagatg gaacttatgt tttagagggg aaaacaaacc 120
 ataaaaaggt aaacagtata aaatcaggaa aggataaatg tatatgaaga atcaaatga 180
 ggacggtgat ggggataaga ggggaaggnt tttnatnacn ncnnngntnng aagnngaant 240
 ttacnctntg tcgnntnttt ntgnnctacc atggt 275

<210> 1586
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1586
 atgggagcca tgggcagtgg tcctggctgg tgaaatgatt ctagccacgt ggcccaccca 60
 gggggcaaaa caatagaaac cttcagaaat gaaacgtcac ctggctgcaa gaagatagtc 120
 ccacaggcgc ctagagatg gggatgccaa gtggcttctc gggaagctgt aagaatccac 180
 agggcattgt aagatggagg gaaatattaa gttttcttcg taaagagggt aggggggcca 240
 gagcagcaaa ggacactgga aaatgagaag catggatggg aagtgttgca ttgagcataa 300

<210> 1587
 <211> 300
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1587

gaccaacctg	gctaacatgg	tgaaacccca	tctctactaa	aaatacaaaa	attagctggg	60
cgtgatggca	tgtgcctata	atcccagcta	cttggggaggc	tgaggcagga	gaatctcttg	120
aacccgggag	gtggagggtg	cagtgagcca	agatcacacc	actgcactcc	agcttaggca	180
atagagcaag	actctatcac	aaaaaaaaaa	anagaganag	agagagataa	anaggtatat	240
nggnacaatt	agtcnttttt	cntacatttt	ctnttttttt	caaagcccaa	aatccttgca	300

<210> 1588

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1588

aatcaatatt	tttcaataga	agtattagag	gtttttttta	ttgatataaa	aataacaatt	60
acagatcctg	atatatagaa	gttattcaaa	attatacagt	tttcaaaaaa	tcaagacaag	120
taggccaat	acaaactact	gaatcatctt	ctaatttccc	tctaaaatat	ttatagaaat	180
atgtaagtag	aaaaacattc	atcctttcct	cgtctaatta	tgatcctgcc	atattccagg	240
cacaagagaa	agctctgggg	cttgagtctt	aatagggctg	atagtccaac	caggggacag	300

<210> 1589

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1589

ctggagcatt	ctaaatgtat	cactaaatat	agaggagttc	taattctgac	aggaattctg	60
tgagggcact	ggtagtatcc	tcattttaaca	gatgaagtaa	tttgagatct	ctgctggaag	120
gtgatggagc	tgtgatttga	accctgggtg	ctgattccaa	agccatggct	aagaataaat	180
aattcagtc	actaaaatac	ctaacttttg	caagccttgg	aaacagagtg	cagaagatta	240
atacagattg	cccaggccag	tacaagcagc	tatacagaga	aaataagtag	gtgctaggat	300

<210> 1590

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1590

gccctctgct	tcctggctga	ccttggtgtg	gccctctgat	ggcactatgt	gtcctcttct	60
ctgagctttc	tgaggatgac	aagccgtctt	ttcaatggga	ctcccttcca	gacctgttgg	120
tctcaccata	ctggaatcat	cataaagcct	gtattgtaaa	acatcattgg	tgtctaaagt	180
ttgcacaatg	ctatggcccc	cacattaagg	gagtcctggg	gagatcactt	cattgcccct	240
acttctctga	ccagaaaaca	caagagtcca	tgggagacaa	taataacaac	aacaaaaaca	300

<210> 1591

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1591

gggaattctc	tgccttttgg	ggaacagtta	cagaggacct	actaaaccct	tggctggtgc	60
caggccccga	gaccacagag	ataacctggg	acccaggctc	tgcccatggg	gagctcccag	120
ccctgtgagg	aagacaggcc	atcctcacc	agcacatcct	actgtacccg	aagagagggc	180
gcagtgactc	atTTTTTgcc	gttggcatta	ggTTTTaaag	atggttgaac	gtccacagaa	240
ggaaaaggaa	ttcctggcag	agggccctgc	ctgagcatag	gcagggaggc	tgagcagcca	300

<210> 1592

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1592

cttgagaatg	aagaacccgc	ccaggaagag	ccagaaccca	tcactgcctc	gggttctttg	60
aaggcgctca	gaaagttgct	gacagcgctc	gtggaagtac	cagtggactc	tgctccagtg	120
atggaagaag	atactaattg	ggagagccat	gttccccaa	aaaatgaaga	agaagaggaa	180
aaagagccca	gtcaggcagc	tgccatccac	cccgacaact	gtgaagaaag	tgaagtcagc	240
gagagggagg	cccaacctcc	ctgtcccag	gcccatggng	aggagttggn	gggatttcca	300

<210> 1593

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1593

gtaaattcct	gggttccagg	ctcaagcctt	ccactgtatg	ctccatgtta	ccagctatgc	60
cttttgaacg	ggagatgttg	cataaataat	tggtgagtat	gcactttaga	ttctttgcta	120
acatcacatt	tggtgaaact	ataaaataat	tcccatgaaa	attggattgc	ttaatatcat	180
aactgatatt	taataatatt	taatattgct	ctaaaatttc	tggtctaaaat	gaaaatattc	240
aaccatcagg	aaggagaaac	aaaactatta	ctgtttgtta	acagtttatc	atcagtactt	300

<210> 1594

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1594

acctgtaatt	tcaacatttg	atgagtcaga	gaaaaaaagg	tttcctttgg	gtcttatttg	60
atcactattc	tgTTaatttt	aagcaagcct	gtagtaaatt	gatctatttg	gatataaata	120
ggttacatga	ttatcagtac	tagagacca	tgtatcctat	ttatttacia	aagaatatta	180
aatatcctat	tttaattttt	atattacagc	ctattttgat	tttttagata	aaagtctaga	240
gcttttattt	taatgaatgc	taagagatca	gaatgcactg	gcattctctg	atttaatagt	300

<210> 1595

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1595

gttaggtcca	ttttgatggt	acaggatact	tgtaagtgc	tttttgccat	tctcttttgt	60
tacccatggc	ctttgtcacc	cccttgaata	tctcttttac	tcagttctca	ctttctgttg	120
ttgacatact	tgTTgacatg	tcccaccagt	ccatgaaatg	aaataccata	tcttccttgt	180

gttgatatta cttttgtgag tatttaagac atatataata aacaaatgta aaactttgga 240
aattgattct cttctcatta aaaaacattt aaagggaaca tttagaatat ttgtttacat 300

<210> 1596

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1596

gaaaaaacia agtaataact taggccttga tcaaggattt tagcacctaa tgtttgctaa 60
gcttagctgt ctggtgcaga aatacaagac ataaatatta tttcgtagac agttattatt 120
tccttactgt gaatttagca gaatttatag aagtcttttg ggtagtaagc tttggttaaa 180
ttatttggtt ttaaaaaatc gcagttcatg aaacatttct acttattaaa tacaatgtga 240
atactataac tattcttgct actggtcata attgttagcc ctctcccatg cctcttctcc 300

<210> 1597

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1597

actctggcac agccagagtc attggtcttt caagcagtc ttcatatcag cgactttaga 60
agaactgaaa gaataggttg atactgaacc cactcccaga gccaggtagc tgaaagggca 120
ctgtgattgt tatcttacta ggaacacgtg gagtgggagt aaggcagttt tctgcagaaa 180
agagggattc tgggcagaca aaaactacat atgcactatg ttttgttttg tttttttgtt 240
tgtttgtttt aaattaaaac cagaaaaggc gaagacttgg agaatgctca aaattttttt 300

<210> 1598

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1598

gtaagccata tagtctgtcc agaccactga attcctttgt tgtaggctga acagactaca 60
acaaatgggt gtggtataaa catagaacca gtccaatctg gttcagcttt gttagtaaca 120
aaatgtaaca aaatgatgag tcgtttttca gtgcaatgga cccccagggt gcaagtcaca 180
tatcgtctga gcattaacag atgaacaaag catgcccaat tcataaccct tgggtggaat 240
gaaaaagtca actacaggta gaacccaagt actcggatca aggaatgggg actatgctgg 300

<210> 1599

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 1599

agtggctggg accgcaggcg cgcgccacca caccctaact atttttgcgt ttttttggtg 60
agacggtggt ttaccatggt ggccaagctg gtgtcgaaact tctgacctca agcgatccgc 120
ccgcctcggc ctcccagaag gctgggatta caggcgtgag ccaccgcgat tggccgcagg 180
atcatagttc actgcagcct cgagcagcca cttccggggc agctcctcca ttctctgagt 240
ttgagacttg ctctcatctc agatcccttc agagctctnc tggctgaacg accttgggaa 300

<210> 1600
 <211> 278
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (278)
 <223> n = A,T,C or G

<400> 1600
 agattncccc cntnnccctnc nncnnggnc acnaaanggg aantntnnnn nnaaaaaaaa 60
 aaaaagaggt ggggtgatta cttgaggtca gggtttgaga tcagcctgac caacatggtg 120
 aaaccctatc tctactaaaa atatagaatt agacaggcat ggtagcgac gcctgtaatc 180
 ccatcttctt gggaggctga ggcaggagaa tcgctagaac ctgggaggtg gaggttacag 240
 tagccgagat cgcgcactg cattccagcc tgggcaac 278

<210> 1601
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1601
 actgggttaa tagcccttga tgacttttca tgtggcatga gagggatatg cttataaagc 60
 ttaattctga tattatcctc ttactaccta cagtatgttt tgcaaaaatc agtcactta 120
 gcaaaactaat ctttgtaaag cagtcagttt cagaagatac tttttatcaa aaaagatggc 180
 aggtttaaca ttataccttt tggtttttgc ccaacatttg atttaatcta aagcaagaat 240
 ataaaataat tttaagaagc atataatttc ttttgataaa aagtaacaaa aatttaatgc 300

<210> 1602
 <211> 298
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (298)
 <223> n = A,T,C or G

<400> 1602
 tttggtcagt tgcaccttct gggtcactgg tagcgcgcgg gagccgggtg gggcctaggc 60
 gatgatccgg cattaaggag ctgggatcat cctccgtctc aggtgggttg gggaaagtgt 120
 aggggcaacc aaagatcatc ggcttgacta ggccctttgc cctgaacctc atgaagaaat 180
 gataggaggc agacatatgt gcctaaaaag agcggttgagc tcagacagga gcaactcggn 240
 ggnnngcggn ngncantttg atttgngnnc tcnncggcag ncncatccnc cgaatcac 298

<210> 1603
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1603
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 ttgctgcaga aagaagtaga ggggaatatc ttagaaggca cttggacaga atgggggtga 120
 tataaaagat gtatgctgtc atttttgttt tggctcctag aaaatatagc agaaagtga 180
 aatttgtgcc atacatcctg ttctgcacct taatatggaa gtttgccctt ccacacgagt 240

cttccttcac aattaacctc taattttttt ttgacagttt tctccagatt ttggaagatt 300

<210> 1604

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1604

atataaaact	gaagggagag	actgggagag	agcttcacag	aagagatttt	tgggtcagat	60
gctgaaagac	taggaaaatg	tagtgcagag	atggccggag	gagagtctgg	agttccaaat	120
agttgcctgc	tagggaaggc	agggagaggc	tatgccgtga	aggatcctcc	atacacttta	180
aggattttgg	gttttactct	gtatgtgatt	tggagctcct	gaaggatggt	aatgaaaaga	240
gtgataggat	tggatttgct	tttggaaga	tctccatggt	agcacgttct	aaaatggggt	300

<210> 1605

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1605

ctttagaggt	aaccagtatc	atgactttaa	tggttaattat	ttatacaatt	tttaatatataa	60
ctttgtcact	ttacgtgtat	tcctaagcag	tatgtttact	tttttcgcct	cattttaatc	120
tttatgaatc	gtgtattctt	tcttcctttg	ctcagcatta	tgttttgaag	agttatccat	180
gtagtattgt	gtagttttat	ttcattcatt	tttgttatta	tgtattatcc	ctttgaatta	240
aatgtgccag	aatttattca	tccattctgc	tggtggtaga	tcattgagtt	gtttctagta	300

<210> 1606

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1606

gcagtacgtg	tgccgtgagg	ctcatagttg	atgagggact	ttccctgctc	caccgtcact	60
cccccaactc	tgccgcctc	tgccccgcc	tcagtccccg	cctccatccc	cgctctgtc	120
ccttggcctt	ggcggtatt	tttgccacct	gccttgggtg	cccaggagtc	cctactgct	180
gtgggctggg	gttgggggca	cagcagcccc	aagcctgaga	ggctggagcc	catggctagt	240
ggctcatccc	cagtgcattc	tccccctgac	acagagaagg	ggccttggtg	tttatattta	300

<210> 1607

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1607

gttctgagca	gttagtacgt	ggcagttgta	ttattagagg	aagcctgtct	tgtttttttt	60
taaataagct	gatagagtga	ggattctttt	aatcaagact	gtttgggatt	gaattgccac	120
tctgtcttac	cagagtgtag	gcagtttttc	ttaaactttc	caagaagact	ggtgtcctca	180
tctaaaatac	gaaatgctta	cagtaattgc	ctcatggggg	tgtttggggg	gactaaatgt	240
agtaggattt	actacatagt	aagttctcaa	tacattgtag	ctattattat	tagttcggta	300

<210> 1608

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1608

ccagggtctct	ccactgtcaa	gttactatta	ttccctttat	aatttgcagt	ttaagatgaa	60
atgcactagt	tttagtgctt	catctgtaaa	actacttttt	tatgtgaatt	tattttttta	120
aaaatgtctg	tcactaaaga	gaaaatcatc	atcgcttggc	atggataaaa	acactaactg	180
ccaaagtcac	taacttttgg	ccaaatacca	aagccagcta	aagtcacagg	gccttggcct	240
gtattctttg	ttaaaaagag	attaacaact	gtcgggtgat	aaacataaga	tataccagca	300

<210> 1609

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1609

cctccctccg	cgagctggac	gctccgcagc	ccgcccgcga	gccggcccgc	cgcccgccgc	60
aggaatccct	ggataaagac	cagctcaacc	atcgctgaga	aaacagacct	aggcttccca	120
gggcggttaa	cccgcgggcc	tctgggcaga	gactaaaaga	caaaacaaaa	taaaacaaca	180
acaaaaaact	cccagtgtgt	ttcctactct	tctttgtctt	ggaggaaagc	aaagggagag	240
aaatggactt	caccagtggc	ctttggcttc	atcaattcac	aggaaatggc	atcaagatgg	300

<210> 1610

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1610

cttcttctca	actctctgat	tgcttatata	agtgacgtct	tctgaaggaa	agttcagcat	60
tttttctcag	atatgataat	aatatatgct	aagatcttgg	ccaggcacgg	tggctcacac	120
ctgtaatccc	agcactttgg	gaagccaagg	tgggcggatc	acttgaggtc	aagagtttgc	180
tgctttcaaa	tcaatcatta	cttcttagca	cctcttgaaa	tagaaaataa	aaaatttggc	240
caggcggtgg	ccaggcgcat	tggctcatgc	ctgtaatctc	agcactttgg	gaggctgagg	300

<210> 1611

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1611

tgcacactaa	catggcacct	gcataaaaaac	cacagacagg	taacttttagg	gacttcacag	60
tggactcaag	cagactgatc	ccagattgta	ggtagaagtg	tgtttgcaaa	ggccagagga	120
gctgtagga	cataatgcga	tggagacaat	ttgcaacaat	cactgaatcc	acgtttctgc	180
tgtttaaggg	tggctgaaag	gatggaggta	tagcttgtaa	tgcaaaatat	acgcagaggt	240
tcatagtgaa	gctgaggagg	agggccttca	aaagttaagt	gggagatggt	taggtcagta	300

<210> 1612

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1612

ctggaattag	attgtgtagg	gccgacattg	gatttatattt	aagtacaata	ggaagccact	60
ggaatgtgat	aaccagaggc	ttgatgtaat	ctagtctaata	ctattaaagg	attgctgtct	120
agtttgtgat	aaatggagcc	ttgaccttgg	tgtcaagaaa	ttgtccttga	taccagcaag	180
gccaatattg	aggttattgc	cattctgaga	tgagaagcag	taatgacttg	gtgtttattt	240
gagatagaaa	gcaagtaaaa	tagaaacatt	ttctggtagt	agaggcaaga	aaacttgggt	300

<210> 1613

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1613

ttttttaaga	gataaggtct	tgctatgtta	tctaggtctg	cctaaacttc	tgggctgaag	60
tgatcctcct	gtgtagctgg	gactacaagc	atgtgccacc	aatgcctggc	ttctcacact	120
gttttgtaac	atagatatgt	gaagatgtgt	attatagaat	tgtttgtaat	actgtagtgt	180
tgtaggcaat	gtgactgtct	atagggaagt	ggacagggtta	tttgtggtaa	atactcatgg	240
aaaacggtca	agcagttaaa	agcaatcaat	tatggtcacc	cagcaatgca	gataaatctt	300

<210> 1614

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1614

tctaaattca	tggattatat	ttatatatgt	ccttaatcct	cactcacatt	ggccctacag	60
gtagattcat	tgctcactgt	cagttctctt	gctgaagttt	tcctatTTTT	ctcttgattt	120
gctgaaattc	cttctccagt	agtttaatca	aaagggacta	aatgaaaaaa	aaaatattca	180
gttggtgcaa	gttcaaaaag	gttttttagtc	tttgtgtttg	attgacagct	ttccagcata	240
taaaattctt	aggccacact	ttctttcctt	gagaacttca	cagatgtcac	ttctgtctct	300

<210> 1615

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1615

tctaaattca	tggtttatat	ttatatatgt	ccttaatcct	cactcacatt	ggccctacag	60
gtagattcat	tgctcactgt	cagttctctt	gctgaagttt	tcctatTTTT	ctcttgattt	120
gctgaaattc	cttctccagt	agtttaatca	aaagggacta	aatgaaaaaa	aaaatattca	180
gttggtgcaa	gttcaaaaag	gttttttagtc	tttgtgtttg	attgacagct	ttccagcata	240
taaaattctt	aggccacact	ttctttcctt	gagaacttca	cagatgtcac	ttctgtctct	300

<210> 1616

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1616

cagacagtgg	ccccggctgg	gagtgggtttt	tgtttggtttg	tttggttggt	tttaacctca	60
tcaatgttat	aacaaaacaa	cgctgaatga	aacgataccta	ttgacgacct	gctgtgaaat	120
acaggataat	aactacccaa	aggagggcag	tgtgaaagtg	gaatcacact	gttgtaaagg	180
tattttattg	tgggaggtgg	tacagtatta	atctaagaag	accagtaaag	acgaatattg	240
taatccctgg	agaaagcacc	aagaaaataa	aacaaataga	gcttttcagg	aaaaaaaaac	300

<210> 1617

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1617

gaccacctac	ggaaaactga	ggccacata	agctcgattg	gttgtaacctc	caacagatat	60
ttattaagca	cctactaaat	actgagccca	ttgcaagcac	caggggaagcc	tctgtgaaca	120
gcacaaggtc	cctgctctgg	agattctgct	tcagtgggtg	agacagaaaa	taaacagttt	180
cccgtcacca	attttccttg	gaattggaca	gatggcagcc	accataatga	tactatatgt	240

gtccaagcta aacaaaatca ttcacttccc tgattttgat aagaaaattc ctgtaaagct 300

<210> 1618

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1618

atttctagct ataaagaatt aggttggttag gttgaataat tgtaaagcct gtgcccgcgc	60
cgccagttgg cgatgcaggt gggtgagggg agatgtgggt ggtatataag aagcaaagga	120
ctctcagccc ctgatgtgcc ccgcgtgggc ttcttaggga ggctcaatgc ataaagacag	180
aataaaatgg gatcctccac agagatttaa tctgtagaag atcaaaccac tgttgcctgg	240
tcaccttagt ctaaaaagta gtggagtttt gttttgttat ttttttaaag catgattcta	300

<210> 1619

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1619

gtgagatacc tgcccctact ttgccttctt ccatgattgg aagcttcctg aggccacccc	60
agagtcagaa gccgctatgc ttcctggaca gcttgcagaa ccagtattca ctgactgctg	120
aaactagagc atcactgaga agcaagagat agactgacct aactagaggg agagctgcca	180
tccaggatga tgccaccatc acaggaggtg agaaggaaca cagcatcttc tgcaaatgct	240
acagtaaata gggacggggg gcagcaatgt gaggaaagtg gaatgaactt ggactttgaa	300

<210> 1620

<211> 98

<212> DNA

<213> Homo sapiens

<400> 1620

actctctcta caactgacag agtaaataga caaaaaatgt atggggggata tggaatattt	60
tatcaacaca agtaaaaagc ttgatctaac aggtgggtg	98

<210> 1621

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1621

gctggcaata aataagatat ctttattatg attatgttaa tagttaaaat ttgcatgttt	60
tctagatagt ctgttaacag gataaaaaaa tacaaaaagg cgagcttctt aatgattcag	120
ctgaattaac tataaaatta aaatacctgc taattattat cttctaaaat aacacaaaat	180
atattcaata cgcaatacaa acctcagtaa tccaattctc ctaatatgca attatttata	240
acctctgaac taagaggaag tggtttgact aaacagagaa ataacaatgt ttttatccta	300

<210> 1622

<211> 129

<212> DNA

<213> Homo sapiens

<400> 1622

gtggcatttg atgctgtggg ttggagccca gctttggggg cagacacacc tgggtttgaa	60
tcacattgct gcccttcca ggctcacatc attttatttc ttttttcttt ttcttttttt	120
tttttttttt	129

<210> 1623
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1623
 aaaggctatc tatattagct ggggttcccc ccaaaagcaa cattggataa ggactcatgg 60
 gcagatactt tcttctggaa aatgatcccg taggatatgg gtagaaaaag aaattgggac 120
 cagaaagaat gaaacaggaa agaaagaaa cctattgaag gatataaaat ttctgtaaac 180
 aactggagct tagtcccact gagggcccct gaggaactgc gcagaatgta agacagagga 240
 ggaaatattt agccaccagt tcctatctcc cattggccaa cttgatgctg agttcaggag 300

<210> 1624
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1624
 gggattacag gcgtgagcca ccgcgcccag cctcatatcc cccatttcaa acacgctgta 60
 aacaatgctc aattactttc ctcttaagtt gaaaccacca attactgggg aaaggggcag 120
 ttagatttta ttggttgact ttgtgttttt actaatcctt gttgaaaagt agaggaattg 180
 gtttagttga gaaaacaaaa tactaaaaaa tctgccacta gactttttta gtcaagagtt 240
 tgtataaaat gaaacatatc tactatctaa tctataaaat ttagaatctt ttttaattcta 300

<210> 1625
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1625
 cattacatga ttctgtctta acgaagatag aagcatttta ttgcataagt tttcttctgt 60
 gtgtgggaat catatgtggg tgtatatatg tttaaggggt atgcatccgg gtagacgttt 120
 gtgtgtggac atgtgtgtac aggtatataa gtacatgtgt catagccttg gtacaggtct 180
 catagccttg cagcactgtg ttcttgccgg gagtggcatc tgtctgcatg tctgaaaatg 240
 ccacgtgtgc attctgctga tcaccaaggt tcgtggctgt aggcacccct tcttcagtgc 300

<210> 1626
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1626
 gctctgtgac accctttttg tgatcttcag tgctgttttt atggttacac gactaggaat 60
 ctatccattc tggattctga acacgaccct ctttgagagt tgggagataa tcgggcctta 120
 tgcttcatgg tggtcctca atggcctgct gctgacccta cagcttctgc atgtcatctg 180
 gtctaccta attgcaogga ttgctttgaa agccttgatc aggggaaagg tatcgaagga 240
 tgatcgagc gatgtggaga gcagctcaga ggaagaagat gtgaccacct gcacaaaaag 300

<210> 1627
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1627
 cagggatcca cttgccttaa tttgcacagt gttcttataa atcaacagaa agtacacata 60
 acagaaaaat ttaaaagggt agggatcatt taggaaaaaa tgcaaatgcc aacaaatgtg 120

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agaaaatgct caatcttact tataatttaa gaactacaat tcagccaggc gcggtggctc   180
atgcctgtaa tccagagctac ttgggaggct gaggcacgag aattgcttga acccaagagg   240
gagaggttgc agtgagccaa gatcatgcca ctgcactcca gcctgggcca cagagcaaga   300

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<210> 1628
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1628
gtgaggcata tttgctttaa catgcgctta ttacagaagt tatgtttact gtagaaat   60
ctggaaatac aaatgcaaaa taaaacacaa atctctgtca ttctgcagaa acagcattct   120
tttgaccctt tttgttttat tctatagatg tatatttttg tgtttacaga aacttgatca   180
tattatttta taacttgctg tttcatataa aattatcatg aacatctttt gtgtcatgac   240
atgtctcttc ttttaatgag tgcatagtct tccaaactac aaatcttcca tactctgttt   300

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<210> 1629
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1629
ggtaagtgct tagaacaata tctaacacat agtggttgcc cagtaaagtgt gagctgtggt   60
gattttgaga ttataactac aataagaact ttttcaaatt gatacatatt tagccgatatt   120
aatctaattt tttaagatgg aattattcta gttgttggat ttacacactg tagcattatt   180
tttggaact accaaattat tccagtttgt catcataaag tagttgctaa agcaataaaa   240
agtgaatat ttattcatga aagagtagtt catgtcatta agtgtatgaa tggagtgtatt   300

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<210> 1630
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1630
aaaaagtga gtatttatat gtgccagtgt gtatcatgct gaatacttta tctggatggt   60
gttatattat ccctcctata gactattgag ttgagtactg ttattagatc cattttacaa   120
atgaggaac tatggagaga ttaagtaatt tgcccaagat ccataataa gaaggcaagt   180
gtcgaatgcc aggcattcta acttcagagt ccatagtctt aacccttggt ctattctctt   240
ccacaaatac acccagcagg taaaagactg agaaaaataa atatcaaaaa gtaccttttg   300

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<210> 1631
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1631
ctatgatcta gatctagtat aactcttggt gttttatata ttttattaca ctggaacagc   60
tcgtgccctc ggtctcttgc ctggcacct ggatggcttg ccgcccacat attggaactt   120
cattgtggaa gttacttttag gctgacagt gaaggagttt cctctagaga gagtttctgt   180
taacttctga tctgtgttct tttgtaaagc atgtctcttg taaacagcat atagttggtc   240
ttctctgccc tacagtttat tctaattgcc ctatgtctct aaattggagt gtttagtaca   300

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<210> 1632
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1632

attcaagatg	agatttgggt	ggggacacag	ccaaacccta	tcggttgcca	acatttacag	60
taacagtgtt	aggtgaacag	ttgtccagtc	tcttgttttg	tcggacactg	tttctagcac	120
cttccaggca	gaatctcatg	tatccttcac	tttcgaaatg	ggtactatgt	catccccact	180
tttatcaatg	agaaactaaa	gctcgaagag	gtcaagtaag	ttcctggcca	aggtcagcta	240
gcaggctcta	gaggcctcgt	tctccttaga	ggcaagcctt	gccagggccc	aggcttggca	300

<210> 1633

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1633

ccccattcaa	gtttcaccag	ttttctcaat	cacattccac	aggcaatttt	aattcacatg	60
tattatttag	ttgtcacgtc	tctttaatct	ccttcagtc	gcaatagatt	cttagtttct	120
cttagatttt	catggacttt	gttacttttg	aagattatca	gcagttatgt	tgtatctctc	180
agtttgggtt	tatctgatgt	ttctgcctag	attcaagtta	gacatttcaa	gtagtactgt	240
aacagaagtt	atgctatgtt	cttttcattg	cattctatca	gattacatga	ttttgattca	300

<210> 1634

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1634

accatgttgc	ccagtctggt	ctagtctgtt	ttaacaagtt	gttgctgtgt	aatgatatat	60
gtgtggtgtt	aattttgctt	ttcctaagtt	taaatgaggt	agagcatttt	atgacatgcc	120
tgttctagtc	ttttgcttat	ttttctaat	gccttttctt	tttcttaata	atttcagttc	180
ttcatatgtt	cagcatacta	gtcctttgtc	aatttacatg	tattgaatat	atatactctc	240
ccattctgcg	gcttattgtt	ccattcttca	tgaacatttg	taattttaat	gtcctattta	300

<210> 1635

<211> 164

<212> DNA

<213> Homo sapiens

<400> 1635

cggcaccgagc	ccaggctggt	cttgaactcc	tcagctttta	ctttagcttc	ccagtgtgtt	60
gggattacag	gcatgagcca	caatacctgg	ccaagtcctt	ttttttaatc	aaatgactta	120
ttaatacaca	gtttctttgc	cagcttttgc	tcccttttagt	gaga		164

<210> 1636

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1636

gggaaaagaa	aaatagtagt	agaagaggag	gagccattac	tttcatttct	gttcattctg	60
aagaaacaga	gatgactctt	tctgtataac	tcaaattctt	aaaagaaacc	cttgatatat	120
agtgtcaatt	atatgaactc	tacctcaggg	tacctaaaaa	aagaatgttt	ggttaccoga	180
atgaggggga	ggtttttctt	tagagagaag	tattggggcc	aacaaatgaa	aaaggaatag	240
tttgaacacc	acatttttgca	actcctaagt	aaataatgga	tttaaagaat	tatcgatggc	300

<210> 1637

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1637

aagaaaggga	aagtaggaac	agggagcaga	gcaaagcata	acttgctgtg	ttccagggat	60
ttaaaaataa	attactgtca	agagcaatat	aagggtcatg	ggtttgcata	ggaacttttt	120
gtaaatgaaa	aagttcacia	tttggaaaaa	acagtgtctg	atgtgttatg	gaaattgtta	180
tcacaaatta	ttccactgaa	actcaagtat	ataagacaac	aatatattgc	tgtgaaatct	240
taattttgac	atatggaagg	taaccaaaaa	taagaaccat	acctttttgc	ttgaagtgc	300

<210> 1638

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1638

ggcagcagca	gcagcagcag	cagtgggtgga	acgaggaggt	ggagaattga	gagcacgatg	60
catacacagg	tgtttctgag	tagtaattag	atcgctgtga	aggaaaaagc	acacctttga	120
gttttcacct	gtgaacacta	tagcgctgag	agagacagtc	tgaaagcaga	ggaagacatc	180
gatcagtaac	accaagagac	accaaagttg	aaagttttgt	tttctttccc	tctgttttat	240
ttttcccccg	tgtgtcccta	ctatggtcag	aaagcctgtt	gtgtccacca	tctccaaagg	300

<210> 1639

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1639

gatggggagc	cattgaagg	ttttttgagc	agggaaagtga	catcacctgg	gttacatttt	60
aaagattcac	tctggcagca	gagtgagaaa	tagactaaag	gaggcaggag	gacacgagtg	120
aaaacagggg	gctatagcaa	gagtcctttg	ggttgcccag	gctaaagatg	atgctggcct	180
ggactgggtg	agtagtgata	gacctacaca	agtggtagga	tcaaaacaga	ttgaagctag	240
agctcacagg	aatttgctgc	catgtgtgaa	aaagaggata	gaaatgactg	ctagggttag	300

<210> 1640

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1640

gctatttgtg	ttttgttgca	ctgttttttt	tgtttgtttg	tttgtttatt	tggttggttt	60
tttgagagg	gaaatggggg	tgaaatat	ttttattggt	gaatcatttt	gtgaatgtcc	120
ccctcaaaaa	aagctaattg	aatatgtggc	ataaagggca	tttggtggtt	ttatttttgt	180
ttgaggggga	ttgtcagaaa	atcccttttc	tctcttacgt	ctaactgact	agggaacaat	240
tgttgatatg	catagcattg	gaatacttgt	cattatatac	tcttacaat	aacacatgaa	300

<210> 1641

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 1641

gtctcctcct	gaggccactt	tctagggcca	tttctggcac	cagatgtttt	atttcagctc	60
ccccaaaagc	aaaaccctga	ggcagggatc	ttggttgaag	tggggagggg	atcccagaaa	120
gtggggtgag	ggtacggagg	catgaggtag	gaaagggaag	aaaggagata	aaatgtgtgt	180
taatgagcag	gttagcactg	tggaaccacca	cgctcaatcc	cactgagacg	tgagggaagct	240
gggaatgtat	ccaccaggcc	ttaattttatc	aagatgagga	ttactcctng	aaatgttaac	300

<210> 1642

<211> 298

<212> DNA

<213> Homo sapiens

<400> 1642

gcaagctgcg	tgaccgggag	atccagctgg	agatcagtgg	caaagagcgg	ctggaagacc	60
tgaacttccc	tgagatcaaa	cgaaggaaga	tggttgacag	gaaggatgag	gacaggaagc	120
aatttaaaga	cctctttgac	ctgaacagct	ctgaagagga	cgacaccgag	ggattctcgg	180
agagagggg	actgaggccc	ctgagcactc	ggcatggggg	gaagacgatg	aagaggacga	240
ggaggagggc	gaggaggaca	gcagcaactc	ggaggatgga	gacccagacg	cagaggcg	298

<210> 1643

<211> 277

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(277)

<223> n = A,T,C or G

<400> 1643

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attaaatata	ttattggatt	atggttcctg	aagggtcatta	aagtttgagt	gtgtgtgtgt	120
gtgtgtgtgt	gtgtgtgtgt	gttttatgac	ttaaataatct	ttacgtgtgt	tttttagagc	180
ttggttcttt	aaagatttgg	agaagatatg	taaattacca	aggcacttgg	ttcttctgtt	240
ttatatacta	ataatcaggg	cctaagttaa	ataaaaaa			277

<210> 1644

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1644

aagacctgca	gcttcagcat	cacttgagaa	gttggttagga	atgcatacta	gtgggccccg	60
ccccagaca	tagtgaatca	gaaaccaaca	gggaggcgcc	tagcattgtt	tttttaacaa	120
gtgctgggtt	attctgatgc	acagtctagt	ttaagaacca	ctactttggg	ttaacgtttt	180
gactgtttta	agtttatggc	ggtgaagtgg	gcattctcaa	agactagtac	ttacacagtt	240
tagaagattt	caaggtactg	ctgacagtag	tttattatgt	cagtatacat	acgtgtagag	300

<210> 1645

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1645

atttgctcta	aaggctgaga	ataccgatac	tttcccactg	gacccacag	gtaggtcata	60
tttcccagct	tcccttgaag	ctagagaggg	cacgtgtctg	agtcctgggc	agtgatgttg	120
gggaagtga	tgtggaactg	ctaagcctgg	agccggagca	accttcctcc	tgcagtcctc	180

ggaggatcct ggaactctta cacggaagga tatgcgttcc tggaggcatg cgaggcaggc 240
 aggagcccc a cagctcccct ccacaccaat tcctctgcac aggaatatgg gattgcgaat 300

<210> 1646
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1646
 ggtctacagt atgtagaagc agaagttagt attaatgagg atggtacctt gtttgatggt 60
 cgaccaatag agtctctgtc cctgatagat gccgtaatgc ctgatgtagt acaaacaaga 120
 caacaagctt atagagataa gcttgccacag caacaggcag cagctgctgc agctgccgca 180
 gctgcagcca gccacaagg atctgcaaaa aatggagaaa acacagcaaa tggggaggag 240
 aatggagcac atactatagc aaataatcat actgatatga tggaagtgga tggggatggt 300

<210> 1647
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1647
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 ttatcaagca gtacatgaaa gtgtaataat aaaatgtcta tgtatcttta gttacattca 120
 aatttgtaac ttataaaca tgttttatgc ttgaggaaat ttttaagggtg gtagtataaa 180
 tggaaacttt ttgaagtaca ccggatatgg gctacttggt actagacttt taaactttgc 240
 tctttcaagc agaagcctgg tttctgggag aacactgcac agcgatttct ttcccaggat 300

<210> 1648
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1648
 aaaagggtggc catgtgagaa ggactcagca agacttttgct ggctttgaag atggaagaat 60
 gtggccaaaa gcctagggat gaatatggct tctagaatct ataataaaca aggaaacatt 120
 atttccaga gcctctagaa ggactgcgtt ttgcttttgc ctcggtttta gccagtaag 180
 acccatttta gacttctgat ctttggaatt gtaggttaat gcatttatat tattttaagc 240
 cactaatttc tggtaatttg ttacagcagc cgtaggaaat taacatgtag gaaaataaac 300

<210> 1649
 <211> 166
 <212> DNA
 <213> Homo sapiens

<400> 1649
 ctacagctgaa attcttttcc ctatctagtt ttgttaagga attcaacaca tgccagttaa 60
 gctgtcataa atgaaataat ctacctgag gctgtatttt aacagattat tatatcgaaa 120
 gaaaaaatg aatgtttata aaataacatt tctttttttt tttttt 166

<210> 1650
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1650
 ggaaccagggt gctgcagaac cagccccctcc ccaatgagga ccccctctgg acgccccctcc 60

ccatggagaa	caccaggagc	cacagacccc	agaccacaga	gcacacaggg	gagggcacgg	120
ggcgccggg	gcagggtgtc	tgctgctctg	tttatgggat	ttgctccgcg	tctagcacac	180
tgctgctctg	agtgtctctg	tcccctgcag	tggtactctt	gggcctacgg	gcctaatacct	240
ggttggcatg	aaaatgtcct	gaggctactg	tgacaaattt	ccacaagctg	agtggcttaa	300

<210> 1651

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1651

tgaacttggt	cattttgttt	tgcttgggag	gaaaataaac	aatttttactt	ttttccttta	60
ggagcattat	gagcattatg	tcagaataga	atagaattgg	ggttcgatct	taacaggcca	120
gaaatgcctg	ggtttttttg	gtttgttttt	gtttttgttt	ttttatcaaa	tcctgcctga	180
ctgtctgctt	gttttgctta	ccatcgtgac	atctccatgg	ctgtaccacc	ttgtcgggta	240
gcttatcaga	ctgatgttga	ctgttgaatc	tcattggcaac	accagtcgat	gggctgtctg	300

<210> 1652

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1652

ggttcagaga	aaagtaggca	gagaaaggca	gtttaggagg	tgacacaaga	gggaagccta	60
aggagagaga	actggatgga	gcttcccagg	tgatgacagg	gttgaactcc	agggctatac	120
ccagctgagc	aaggagagct	ttgcctcttc	aggagactgg	aagttgggga	agactccaac	180
aggcttgtgg	tcagaagctc	aggagactgg	gaaggaaaag	tgaatttctg	aggagtccca	240
gttcatttca	ttaatttgtt	caattcttta	acgtatgttt	attatggacc	tactatgttg	300

<210> 1653

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1653

tagacagcca	tggtgctcac	acaaagcctg	tttgtgtgtc	tcttcacacg	gactcgagtg	60
aaaatacaca	cgcacacaca	cacaaatgga	catttaccct	actcctgctt	ttgtgctatt	120
gtggtcatgc	atagtatttc	ttttttgtct	ttgtttttct	tggtgttttc	actgtcatac	180
aggtatttat	gatggaaaca	gaatcagagt	ctgaccttcc	tgacttgaag	tacaagggtt	240
ctgggggttt	tcattcgtgt	tttatgtgtt	ttttaaaaaa	ttatttgtgt	ttttaatoga	300

<210> 1654

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1654

agacaagcca	gatcaccaag	atccccattc	tgaaagaccg	ggagcctgga	gggtgtgaccc	60
agcagggtcg	ttgtatccat	gccatcgagc	tgaatccttc	tagaacactg	ctagccactg	120
gaggagacaa	ccccaacagt	cttgccatct	atcgactacc	tacgctggat	cctgtgtgtg	180
taggagatga	tggacacaag	gactggatct	tttccatcgc	atggatcagc	gacactatgg	240
cagtgtctgg	ctcacgtgat	ggttctatgg	gactctggga	ggtgacagat	gatgttttga	300

<210> 1655

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1655

accacgcccc	cctgtaacca	ttatttttaa	gattgctacc	attggatagt	tctgtcattg	60
tccaactttt	ggatatttaa	aattgatccc	tgtgtggcta	acagaattaa	tgtttccaaa	120
aatgttgaaa	attatatagt	tctcttaatt	ccccacctct	aactatattt	ttgggttatt	180
tctttaggaa	cagatgcccc	ggagtcatat	tactgagaat	ctagaaatct	tttgcaaagt	240
tcttgttata	ttgccaaatt	gcttcccaaa	agggttggtc	taaaccataa	tttcaccagc	300

<210> 1656

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1656

gagaaagtaa	agtcctttta	taatggcatg	tgaaccagac	aatttagtag	ccagggttgt	60
aaggcaactc	ttaactgaca	atatagttag	tatattctgg	gccttcactc	tcaaaattag	120
taggtagtat	ttattgagtg	catatcatgt	gccaggcctg	gtgctgagtg	cttacaatga	180
tcattttata	tatgggaaaa	ttgaggctca	gcagggtcaa	gtgccttgta	agaggtagca	240
ctagtaagta	acagtgtctc	aattcaacta	ggctcttcag	ctttttatac	aatactgcct	300

<210> 1657

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1657

gtgatttact	ttctcattca	aaatacatat	tggatattgt	atctaatttt	gtattggtaa	60
ttttgggtta	tgaaccacca	gatttgaagc	cccaaattgt	atagggttca	atgcccataa	120
aaccagatc	tgccctgtct	tagaggccgg	ccctctagg	agacagcatg	tggggccacc	180
cagagatgca	ggactcttct	gttctgcctt	atgcagcag	agaggccatc	cctggagctg	240
gaagggtgag	actgggaatt	gctccttctc	tgaattgcta	gctcctgcta	atgcctgcat	300

<210> 1658

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1658

gtggcccaag	gggcccacaa	taaataacac	agtcactcct	attggtacag	caatgccaaag	60
atttagaagt	tatttcatag	gagctgggac	aaagggtcaa	cctctctttg	ggcaagaccg	120
tattctttat	tgcatagctt	tgaaaagaga	ttttgtatta	cccaaacatt	tattttaaaa	180
aggcaccccc	atatatccat	cactcgaact	gtacatttct	aaatgtacat	tgacctttgg	240
tatattagtc	tagcaatcca	gattttgcct	cttgtaagc	gtatcagggt	cctggcagga	300

<210> 1659

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1659

agacactgaa	ggaaccaata	aataatcctg	cctctattaa	tgtattttta	tttatcatgt	60
aacctcaaag	agccttctgt	attgagtaag	cattctatgt	ctttttttta	ttgtacttgt	120
attagatttt	taaggcctat	aatcatgaaa	tatcactagt	tgccagaata	ataaaaagaa	180
ctgagtttaa	ttatgaataa	tatgtaagct	aggacttcta	ctttagggtc	acatacctgc	240
ctgctagacg	ggcaacatga	agtaggacag	ttctgttgat	tttttagggc	catactaaag	300

<210> 1660
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1660
 tccccatctc cacactccct accctctgtc ccctcaaccc tgctttatct ttttatgaag 60
 aagagagatg acattatctg gattttgata ttaaacagct aggttatctt aggtaaatac 120
 ataagctttt gtggggccaca gtttcttcat ttgaaaaatg aagttggact agttttgcag 180
 tgcttaactg cacagagcat tagaatcacc tggggagact tcataaacta cacaaccagg 240
 ggtgtacctg agatcaaag aatctaggcc ttctcaactt taatgtgcag acaaatcacc 300

<210> 1661
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (300)
 <223> n = A,T,C or G

<400> 1661
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 ctgctttatt tttttatgaa gaagagagat gacattatct ggattttgat attaaacagc 120
 taggttatct taggtaaata cataagcttt tgtggggccac agtttcttca tttgaaaaat 180
 gaagttggac tagttttgca gtgcttaact gcacagagca ttagaatcac ctggggagac 240
 ttcataaact acacaaccag ggtgtacct gagatcaaag gaatctaggc cttctcaact 300

<210> 1662
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1662
 atctatatct attaatatct ttctgtagat ctatacctat catatccatc catatgttta 60
 tattatatct acctaatact tttaatctat atcatgttat gcacatatat atgaaacatt 120
 tttgagtggg aaattttatg gaaaaagtat tctatataag gtggattagt aatcctcttt 180
 tgaaaaaaaa ttctagttct tctcaattgt gaaagatatg tctaagcttt ctaacaaaat 240
 gaactccaaa cagtcttaga tgtctgcctc tttttaatca tttagtgaag taattggttt 300

<210> 1663
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1663
 gttggtgtgt gtctgcatgt ccaaactctc ctctcctttc tcttataaag acataggtca 60
 ttggatttag ggcccatcgt aaatccagga caatttcac ttgacatccg taactgattt 120
 tatctgcaaa gtctctatct ccaaataaag tcactttctg agatttcagg tggacagtta 180
 tttgcgggga tagtattcac cccactagat tcagggttgt gggaagtgtt gcttactaaa 240
 ctctggttca cggagctgcc aaagaaaaga gatttatctt taaacctagg agagaaggca 300

<210> 1664
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 1664

caggctcatc	tccaactgac	ctcatgatcc	actggcttcg	gcctcccaaa	gtgctggagt	60
gcagtgggtg	gatcatggct	cactgcagcc	ttgacctcct	gggctaaagc	aatttgcctt	120
cctcggcctc	tcaaagtgc	gggattacag	gtgtgagcca	ctgcacgtgg	cctcttttta	180
gtttatTTTT	tccaaaatta	ttttgaaaag	tttcaagggtg	gaatgtagt	acaccatcac	240
ggctcaccga	agacttgacc	tcctgggctc	aggtgatcct	cccacctcag	cctctcaagt	300

<210> 1665

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1665

gttgatctct	catcagtgtt	tgacagttaa	tcactttttc	ctccttgaaa	tacctctttg	60
aggcttccaa	gacaccacac	acaactgggt	tacctctctc	tgtctctctc	ttttttgttt	120
cctttgtctga	ctctttctca	gcatttctgc	taggggttcag	tccatggctt	ccttcacatt	180
tctgtctcac	tttctccctt	aatgttgcta	tctagtcttt	taattttatt	tatttctagt	240
tttaaaattt	aatttttaaaa	acttaatttt	atttaatttt	tgagacacag	tccttgtagt	300

<210> 1666

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1666

aaaattatca	aaccatcctt	tgtctggcatt	aaatattcaa	gttgaagatc	cttcaccttc	60
ctttaatcct	atattagagt	ctataggtgt	gtctttctta	tagcaatcct	gcactcacat	120
aaaaactgga	ttttcaatat	aagatcaaaa	tgtatttcac	aaaaaatgca	tctttatatt	180
tggttacatt	tctcctgact	gaatgggtgcc	atgtacagtc	tgtgtaagtt	atagaaaacg	240
tttgccaact	cgtagtctac	cattttggta	tttgggtttc	atttgggttcg	tctgggtctt	300

<210> 1667

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1667

ctgagacatg	agaatcactt	gaacctggga	ggtagggaggat	gcagtgagct	gagattgagc	60
cattgcactc	cagcctgggc	aacagagcga	gactcttgtc	tcaagaagaa	gaaaaaaaga	120
aaaagaaaaa	gaaaaagaaa	aaacttttga	tgccagtagt	tctgtgaaga	caacaaaaaa	180
gcagggcttt	gagagagagc	aatgagggca	taggtggctg	attacatcag	atgggttaat	240
ctccaagtga	aattttggggg	aacggtgttc	caggcatagg	gaatagcaga	tgtaaaggcc	300

<210> 1668

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1668

gtaaagtgtg	ctgattgaga	actagagttg	tggggtcaga	cagacctggc	ttcaaatect	60
cctcggccac	ttacagctat	gtgatctctc	tgagctcagg	tttctcatct	gcaaagtgtg	120
gttaataata	caagttcttg	ctcattgttt	tgttgggagg	agtgaatgag	ataaatcacg	180
taaagcacgg	accacagtga	ctggctgata	ataagcctca	gtggatggtc	gcccttagaa	240
ttattttgtg	accctttgct	tttgaggcag	ctggtagagct	ctgtagcctc	agagattact	300

<210> 1669
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1669
ggatgggtgc cctggagcca ggcaaggcag gaggccccag aaacttggtg ggggagataa 60
cggaggggat ggagcaggag gaatcctgaa aaccggactg ggagagatgg ggccgagtgg 120
acgatgcccc gtaccagcgg gcgtctgaga ctgaaacatt aattctgaag aagaagaaac 180
tagacagtca gacctccagg actaagatga agtgagccga gaggagatcg tatcataaga 240
atgcttctgt cgttagccgg gtgcagtgtc gtgtgtatct agttccagct acttgagagg 300

<210> 1670
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1670
ctaaagccgg ctatgggaag ccatgtcata cttggctacc ttcctatggt ccttctcaca 60
gcaaaactct tggactgac atttgaagtc acccctctgt gtcttcttgt gaaatggctt 120
gggcgtctct gggtctgac ttgctcatct gggaagagat ggggtagagg gagttggatt 180
ataaatcatg cttcactcag tcaacagaat gctactcagg cactaaaaat gatggcgtag 240
ccctacgtat tctgacatgg gaagatggcc acaatatctt attatgtgga aaaaactagt 300

<210> 1671
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1671
aaaatgcttt cctatacatc atcttaccac agtatcgtga gacagtcagg aaaagtagac 60
aaatgtcatt aacttcattt taaagatgaa gaaactcagg cacaaaaaca gttatcaaatt 120
tgccaaaagg gcacatagtt ttagaaatgg gactgaaatc cagctttcct gactcaaagt 180
cctatgttaa tccaccagtc atttattgag cttctgctat gggctatgta ttgtgctgaa 240
tgtagacca cacaagaataa ttctaaatc ttacagactt tttcatagta ccctgtctgg 300

<210> 1672
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1672
tataatctgg gggtagagag caagaagaag tactttgact ttgaggagat tctggccttt 60
gtcaaccacc actgggagct cctgcagctt ggcaagctca ccagcaccac agtgacagat 120
cgaggaccac atctcctcaa cgctctgaac agttataaaa gccggttcct ctgcggcaag 180
gagatcaaga agaagaagtg catcttcgcg ctgcgcaccc gcgtcccacc caaccgcga 240
gggaagctgc tgcctgacaa aggactgctg caaatgagaa cagcgcctcc tctgagctgc 300

<210> 1673
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1673
cttgcttgaa atacagaatg tccagatcta ctgagtcaga atttacattt tcaaaagctt 60
cctacgtgac tcatgcatat taaagtttgg gaagcactga cttagattac cttttgagaa 120

ttccagatgg gtcagaaacc agacagaaat actcagtagt gagaagctat ggtgtatcag	180
aagctggttag gcattttcatg gtttggttagt gagcaagaca gatagttttc ctgtattcag	240
cgacttagtc tagagagaga caggatggaa ttaagtgttt aggtgctagc caaaagtaaa	300

<210> 1674

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1674

aatcagtgta ttaaacttta tgtatatatt ttagccagag cttaattttt atgaagataa	60
agacatgaag ttaacaatg gacaacagtt agtacagcta attgtgaggt caagtaattg	120
ttagacatag gggaaggctt tgttcacaa tattatatgg accactgaac aagaatgaca	180
gccctttgtt atcacttggc atatgaaaag tgttgtgtgc atagttttgt ttaatttttt	240
atgtgcataa aaatgtgatt ttaatttata tgctctgaag gataattcag ggtatagtta	300

<210> 1675

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1675

aatccttctt gggaaacatg ttattgtcct cattgtccag attagaaaac tgagtgtaaa	60
gtaagttaaa ttatagtcct aaggttgaat gctaataaag acagaatata agtccaatat	120
attggactca aaagccctca cttaactatg gtctccatgg gcttcccttg gctctctctg	180
ccttttttta ttttttctta ttgcttgagg ccctttcttg aaggtaagtc tggattatct	240
acttcacact gtttttagaga agacttgtgg ttccattta ccccttactc cctccgctcc	300

<210> 1676

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1676

ctttcagtg cctccctgtg gaagtgacat gctcattttt gccttattct gtaagtgggg	60
agtcactaag tctagcctat attcaagggt aaggagagtt aagctccacc tcttaaagggt	120
aaaatttata gacattttca aatgactaca tcaacttaacc cctcaccatc tgccctccca	180
ttgctagcac ttgatgacta gcccttgctg ggctttacat gaacagatgt ttcccaaagt	240
tataaaatta gtaccactaa aatgtatcaa atgttaagcc attctgtggt atgtcatagt	300

<210> 1677

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1677

gttacaaaca gtggaaaaca gacattttca gatgtttgca caccatgcac catgcaaaat	60
acaaaccagc tgaatcataa aaacaaatga ctagttactg ggaggggttt ctctctttct	120
cattattttt acttctacca aagtaatgtg cacatactgg taattttatt ttattttaat	180
tttcaccaag ctagctaatt ttctttcttt tttttttgng naggnngggt gtcggccttt	240
tgctgaggnt gatctccaac tctgnccctc aancannct tccncttggg cctaccagag	300

<210> 1678
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1678
 ggggcctgag gtgccagggt tcacagacag ggtttcccac cagccacacg caccagctct 60
 atttggggga agtgtagtga ggaggagccc agaggacccc aggggagtga ggaggagaa 120
 cttggaagggt tgcagcccac ttccagactc tcccctctcc cacccttcta ccctgtgaag 180
 ggaaatgagg gcttttagttt cctgggcagg gaggggcagc ttctgagggt gccaaaggcc 240
 cccactggat ggaacctgtt agctgtctct ctccgcagcc agaaatgctg ccggctgcac 300

<210> 1679
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1679
 ggctgcctgg ggaaggagaa atctgagcca agacctgaca aatgaatagg agtaagctaa 60
 ggaaagtgcac tggggtgagt gaggttccaaa tggagggaac tgcattgtgc gaggcctgga 120
 ggtgagggga acctgggcac attccaggag ctgaagggtt tggtgtggct ggaacataaa 180
 gagccaaagg gggccaagca gtgcttcaca cctgtaatcc cagcactctg ggaggccgag 240
 gtgggcagat cacctgaggt caggagttca agaccagcct ggtcaacgtg gtgaaaccct 300

<210> 1680
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1680
 aggcatttca aactgaacac atctgataca gaacttttca tttccttccc aactttgccc 60
 acgccagcct gctcctcctt cacgctttcc acttagtata tgatccactc attcactcag 120
 tctctgaagc ttaaaaccta ggattcatcc ttgactactg tattctttac aatctactcc 180
 taatgcatta gcaattcttg ctactcttac cttcaaaata tattctgaat agactatttc 240
 ttgccttttc ccttgctctc ccatttccca tctgcacccc ttctctctcc cccaaatcaa 300

<210> 1681
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1681
 aggatgtctg ctggacatcc aagtggctgt gtcaagtagt catctgtcta tttgtgtctg 60
 aagtgccag gagaggcctg agcttgagc ttacatctgg gactcattgc taagtaaatt 120
 atatttatgt aatgggaaag gatgaaaacc cacatgtagg atgagagttg gccttgagcc 180
 tttagcgttc ccgtagtctt ttttatttat ttatttattt attttgagat ggagtctcac 240
 tgtcgtccag gttggagtgc agtggcgagg gcgcgatctc ggctcactgc aggcctccgc 300

<210> 1682
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1682
 ttcttgagga gctgagcctt cgctcctcag atcacaggct cacatgttga agctggcagt 60
 gctagagact agttcctatc tgtgtgacag catttttaat ttaacaggac cgcctttgat 120

gttcccaaat	atztatagge	agcttttagat	catttcagtg	tgtgctttct	ttttcttctc	180
tctctctctc	tctcttttaa	ctggagcaaa	agttcttcct	catgcaacag	ccttcctttt	240
atcctgttta	gtttattttt	gtttcccttg	cagctttggc	gaaggctgtc	tggctgcatt	300

<210> 1683

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1683

tgaagccagg	aaaggggggtg	ggctaggggg	tgctgtttta	ggtagagtga	tgggaacagc	60
cccactgagc	atacttttagc	cacatgagta	gctggaagaa	aagccttcta	ggaccagggg	120
acagcaagtg	caacagccct	gagacaggat	gggcttgctca	gtttgaggag	cagtgggagg	180
cctgaaccag	gttacatggg	gcccagccag	tatggccacg	actttgtgtt	ttatccagag	240
tacaaaggag	cctcactgag	ggacaaggga	agtggcatga	tgtgaccgcg	atattaagag	300

<210> 1684

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1684

gcggagaaga	ggggtagtgg	ttggaaggag	gaattctcct	ttagggaaga	tgtctgggaa	60
ggcctctctg	agagagtggc	ctttgaaagg	agacccta	tggatgaggg	atgagaggct	120
gagccatgta	agtatctgga	tggaaaacat	tacaggcgga	gacagtgggtg	tgtgcaaagg	180
ccctgggaca	gggtcacccg	tgtaaactg	gcgcatgag	ccagcctctc	aggaaaagg	240
tctcatgaac	aatgaggaa	agcaagtaga	ggtagggcag	ggagggagag	gcaaaggaat	300

<210> 1685

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1685

agcagtatag	ccacagcacc	aacgaatgag	gaagagcaaa	atactgcatg	acagctttgc	60
taagaattct	ttcacttttt	ttgtctatca	gccaggagct	agcaacttgg	cttatttgga	120
aatttttaagt	gtacatatcc	tggctcctta	aatcctttac	agatttaaag	tgcagtcagt	180
ggagggcgag	tggtttcgga	aaaaaaaaag	aaaaaaaaagaa	aaaaaaaaagaa	aaaaaaaaaga	240
ttttttcttt	ctntnaancg	gantcgnnat	ggggttggtat	nntttcaang	gggggggttaa	300

<210> 1686

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1686

cccaacccca	ggtgtgccgc	gtgctgcccc	tgagagccct	gccccgcgct	gtgaccccg	60
agatgcgcgc	cctgggtggtg	gactggctgg	tccaggtgca	cgtaggagta	cctgggtctg	120
gctggtgaca	cactttatct	ggcggttcac	ctgcttgatt	cctacctgag	cgctggccgc	180
gtgcgtctac	atgcctgca	gctgctgggc	gtggcttgcc	tgtttgtggc	gtgcaaaatg	240
gaagagtgcg	tgcttcccga	gcccgccttc	ctctgcctcc	tgagcgcgga	ctccttctca	300

<210> 1687
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1687
 ccacactgct gttctcatga tactgagttc tcacaagtcc tgtttgtttt ataaggggct 60
 tttccccctt ttgctcaaca cttcttctg ccatcatgtg aagaaggacg tgtttgtttc 120
 cccttctgcc acgattgtaa gtttctgag gccttcccag ctatgtggaa ctgtgagtta 180
 attaaacctc tttcttttat aaattaccca gtcattggga gtcctttaca gcagcatgag 240
 aatggactaa tacactcctc aaatgttttg aagattgttg caccttgga ctaccagtgt 300

<210> 1688
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1688
 agttttggat gagacttggg atgggtccatt ctgggacaaa attcctctct ctctctctct 60
 gcggaccctg gaaatctaga aaataagtta tttgcttcta aaatacagt atgggacaga 120
 cataggatag acattcccat ttcaaaagt agaaattggg ccagggtgcag tggctcacac 180
 ctgtaacccc agcacctgta atcctagctc cccaggcggc tgaggcagga ggattgcttg 240
 agcctgggag atcaagggtg tagtgagcca tgattgcgac acctttattg gaaactttta 300

<210> 1689
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1689
 ggccaaaacta gggcctgctc tgacatccgc aatgtacgtc cactagcagt ggcgaagacc 60
 tcccgcgaga cagggtgttg ttttaatgcc catctcacag atgaggaaaa gatctcaaag 120
 taccttgatt atttacccta agttcccgac ccaggccttt aaaacttttt atgcatgcac 180
 cgctcttga ccacatcaga caatcaccac aaaacgatgg gctgacagtt actagagggg 240
 tagtaactta tctttaaaag ggccaggtag taaatatttt aggctttgtg gccaaaagtc 300

<210> 1690
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1690
 acatacagtt tattattcac aactggggg aggggtgatga ataattgatta tttaatgagc 60
 cctcttctta gttttcccta agtctgcaga agacaaagat cctgtttcca ggccatgaaa 120
 ggactgaagt aaatattgta aataagtaca gctgaccctt gaacaacatg gaggttaggg 180
 gttcagttga aaatctgcat gtaagtggac ctgtgcagtc caaacctgtg tttactgct 240
 gaattaaagg tgcttccttc tgctcattga tattacccat atttacaac atgctagaga 300

<210> 1691
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1691
 caaatattaa atattcaatg aatgatagct gcctctactt ctctttttgt tgtttttatt 60
 ttccatttat gtagtcattt atttatttta atgtcttcga aagtattgac ttttaacaagt 120


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actttgtgat gcatttatta tttcatttgt tattatttat gtatttgatt tattttctttg 180
tgaggtagga tagaatctca gtcagatttt tgctgtagg ataccacaga ctggataact 240
acaaagaagg gaagtctgtt taactcgcaa ttctagaggc tggcgcatct aagagcatga 300

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<210> 1692
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1692
ctgtgttctc tcaatgacag agaaatcact gtgggtgctat gttgggtggaa cttgctagga 60
actccctct atggtgctca ggaaagctgt tcgttgagag atatctctct acagtaactc 120
tactatgaaa ccaccaagg tgagggttaag gatgctgctg cttagaaaga gatgcagaca 180
aatgtactaa tgaaggctca acacagctct ttcaaggcaa gacagggtcaa gaggacaaaa 240
agtaaaagta tgaaaggctt taagaaatca ggtagatcgt aggtgtatgt gtgtgtgtgt 300

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<210> 1693
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1693
gagaggtaat gcttcatttt gcatagtgtg gaatcaagat aatctgtttt taataataca 60
agaaacaaaa gcataactat attatttata ttacaaaagc aatctttaga aaaactaaaa 120
ggggtatata agtattgaga ggagaggaaa aggaatgata tggatcatg aggtaatatt 180
tgatcaatta tagtaggaaa tagacaatat ctaaaatgga taaagggaaa atggcaatat 240
tatcttttta ttttatatta ttttaatttt ttaagacaag tgctcgctct gtcgcccatg 300

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<210> 1694
<211> 283
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(283)
<223> n = A,T,C or G

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<400> 1694
aagtgactca gggtacttcc agatgggtgag gaactttctga agctgtcgcc cttacaggcc 60
atgacttttc tctagcactg tccagattgc aggtgtcttt cctgatgcga tatgggggcta 120
tcccttacc caattcttat ttcacggaga aaagaaaagc aatttttttt ttttttnnaa 180
acanagtctn attttgtcnc cnggntaaag gncagggnca nnatntnggt taanngnanc 240
ntnngcnttn ggggttaang cnattttcnn gcntaanct ccc 283

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<210> 1695
<211> 300
<212> DNA
<213> Homo sapiens

```

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<400> 1695
ggccactcog cctcttccct cccttcgtcc cttcttcttc tccctttttt cttcttctct 60
tccctctctc gccgccaccg cccaggaccg ccggccgggg gacgagctcg gagcagcagc 120
caggtagaac ttttagacttc atagcactga attaacctgc actgaaagct gtttacctgc 180
atgtgttcac ttttgttgaa agtgaccatg tctcaagttc aagtgcaagt tcagaaccca 240
tctgctgctc tctcaggagg ccaaatactg aacaagaacc agtctcttct ctcacagcct 300

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<210> 1696
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1696
 caattacaaa aatggcagca ggagattaat tatgagatct aactgaaat gacttaacct 60
 aaaattaatg tgttggcagt ttgcaatatg ttaaattttg gcattatctc tcttttggca 120
 atataaaaat ctttttttaa aaaacatgac atttgaattg aacatgtgca gaaccctga 180
 agtatgtctg agaaacccta ggttctgtgg catatgagat gaaaaccact gacaaagaga 240
 accagatatt acatatgttc actgcatttt cacatcaaga aggcttgga aaagggctag 300

<210> 1697
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1697
 cagttttgct gtacctcttg aaagttaaag agacatctca gcactttagg aggccgagggc 60
 ggggtggatca cttgaggaat aaccaggcca tacggagtta ggagctgaag ggacacgatg 120
 agaagtgacc agaaggtaag agtgtgagcc ctctgtcacg cccagataag cgcaactaga 180
 ggactccttg gtctagtggg aacgccagtg cctgggaagg cacctgttac ttaagcggga 240
 aagggaatct ccttttccct ggaggaatta gagaacactc tgctccacca cttcttgtgg 300

<210> 1698
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1698
 gcttcttgtg ttggaggaaa cttcagatac ttcatttact ccagagtgcc cagagattcc 60
 ccagtcggaa aggatagact gcacacctga ccaggagggtg accgaggata tctgcagatg 120
 gcaatataag tgctgtggg cgctgtggc agatgccaat gtccctaggt gcttcttccc 180
 ctggaactgg ggctatgaag ccagcaatgg ccatacaaat acaagcacag gatttactgc 240
 ccagttgaaa aggttgccat caccatctct gtttggaaat gatgtcgcca ccaccctttt 300

<210> 1699
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1699
 gccatacttc ctgccttcca ggaacaggga caccagtgtg actggagcac agtgagcagt 60
 ggggtcggac cggacaccgt cgccagggtc tgtggggcct tgttgctatt gcaagggctt 120
 cggtttggac tgagagtgaag cagagaagcc tgtagagag tttcaaataa agatgggaca 180
 tgatctggct gatgttcttg gaggacatgc tgctgctgtg tctcatgaga atagactgaa 240
 gcggggaaga gtggaagtag gaaaaccagt tgggaggctg ttgtaacctt ggtgagtga 300

<210> 1700
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1700
 gatggacagt ggcactcggg ggcagtcacc ataaaacaga gactgctttg gtgtgaccga 60
 cggtgagggtc ccacctgccc cactgtccat agaggcctg acctttcctg cctccaggta 120

aacacataag tgcttcccgg gctgacttcc gatgtgtatt aggatcccag tgagacttct 180
tgggcggtatg ctgaaaacaa gcttaaatc tggccccaac aatacagagt gagccaagac 240
gacatgacct ccttcttcag agaaataaat gcctttctcc aaagcctcta gaactatagt 300

<210> 1701

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1701

ggcattcaca ttttaatat ccttggatga acatggcatc atatgattag aaaacaaaaa 60
ttcatTTTTg atggctgttg tggtcagatc gtgtcctcta aaatTTTatg tgctggaaac 120
ttaatttcta gtgtcaacag tgcgagagg taggggcttt gggaaagttt aatggattaa 180
tgccacata taagggttg ttggagggaa tttgggtctt ttgttgcccc ttccatcctt 240
tctaccatgt gaggacgcca cactcctccc ctttgggaaga tgcagcaaac aagggtgccat 300

<210> 1702

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1702

ctcgacttaa ggcaaagcag gagaagcgct cagagaagga cacgctcaag accagcaacc 60
ctctagtctt agaagaggca tcagccagcc aggcaggcag cagaaaggag agtcgggttg 120
aatcatctgg caagaacaaa tcctatgatg tgcgaattga gaactttgat gtgtcttttg 180
gcatagagt actgctggct ggagcggatg tgaacctggc atggggccgc cgttacgggc 240
tggtggggcg gaatgggttg gggaagacaa cgttactgaa gatgctggcc acccgagtc 300

<210> 1703

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1703

ggaaaattcc agtttatacc tggtgtacct gtgtaattat tggtagcact ccctttcact 60
cttacaatgt cttgggttgg atgatatatg gtgaagtttt tgttgaaact aaattatgaa 120
gtctgatata tttggataaa aataaagaat tgcttttctt ctctttttgc tgattttttg 180
acacatcatt ctaagcaaaa tcctctcagc ttcgtatatt tcagcctgaa gtacttctta 240
ccaaagtgtt ttcattgtaac atttgttcaa tatgttcgtg acatgtctct cagtaatgaa 300

<210> 1704

<211> 287

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(287)

<223> n = A,T,C or G

<400> 1704

tgtacataac tatttaatgc agcggcagcg gcgacagcct tccctgagag gacttaaaag 60
cagaaggaaa ccgagatgct tccgcagcc gtggacgatt ctccaggact ctttttttac 120
cttgagcact tgctctgtga gacttcatag aacagtgggt tactgtcccc ccctctcac 180
ctctcattc tctctggctc tttctgtctt cctctctca cctcctccc tccccttagc 240
catcacttct gggaagtann nnnctgacct aaaggtttta gattcnc 287

<210> 1705
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1705
 gggatcaagt ccattcagggtc ccaggaaaagg cgtgaatggg agtctgaagg ggagaaatgg 60
 aactgcaaat aattatttgg aattatttat ttatttattt atttatttat ttattttttg 120
 agactccatc tcaaataaat aaattaaaaa aaactgctcc aaacaaaaag atataactta 180
 ctttagtgca taattctaaa cgggtgtttt gctataaagg gcatcattgg gataaatggg 240
 gaaacttgaa tgggatctga gaattacatt taacttttct gtaactttgt gcttatttca 300

<210> 1706
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1706
 gtcagagggtc aacaatgagt atgtggcaat aacaggattc aaaccagat ctgttagctt 60
 ccaaagtcc tgggtcttaca tgctaccac tagttccttg gagggggctc cggaccatgg 120
 aggtcacaca ccagtgtctc gagtgtgggtc ctcacagcac ctgcatcaac atgaggttgg 180
 gatttgatta aaagtggatt tctggggcca cccacattct gaatctaaag ttctgggtgt 240
 ggtttttagga acctgtgctt ttaacaagta cccttagtga tttatatact tactaaacac 300

<210> 1707
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1707
 gagcagtaag gtcaatttct agtctgctct tgtttccgac ttgtgaaaat aagctgttaa 60
 ttacattgt ccagggtgagg gagaccacct ggggagacag ctgttttagaa acaaaaggaa 120
 agatgggttt tgtttgtgtg gctcagtttc aaagcttaat tttccctttt tttgtagtga 180
 gtttgtgatc ccaagatttt attttccttt tacaatcaca tggaatggca cccatttatt 240
 tagaattgtt tctctactgt ctctcacct gctggagact gtgagcagct ttatggctct 300

<210> 1708
 <211> 296
 <212> DNA
 <213> Homo sapiens

<400> 1708
 attacaacaa tatggatagt agggaggagg aaaacaagag gagaatggga tcaacagaag 60
 gcatatatgg ggagtgtctg gatggctgga aaattccatt ttttgaccaa gatgtggtaa 120
 acacggggag taaagttata atttttctc ttactgtgct tttaggtttt gttgctttct 180
 gtctgtatgc tgtgttcac aataataaaa atatttaaaa ggcaaaaaaa agtaaaataa 240
 tgaatataaa attacactga aactacatat tctcatagat agaattgtaa ttatta 296

<210> 1709
 <211> 226
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (226)

<223> n = A,T,C or G

<400> 1709

gaaacactga aatgtatact tttaagtggg tagatTTTTat ggattgtgaa atacagcaca	60
aagctgagaa aaagggaaca gaaaattatc aaagtcaaac cctacacaaa gttattagaa	120
gagaaaaaca ctacagaaaag acacgctcaa aaaaacagaa caaatctgaa acatggtaag	180
acccctctcc acaaaaaana naaaaaaaaa angnttttaa aaacnt	226

<210> 1710

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1710

agcctctgat catcaagaca tggcagaata caaagacaag tcacaggcta gctgaagata	60
tttgcaatac ataaatccag caaagactta tatccagagt atataaagaa gttctgtaaa	120
tcagtgagaa aaaagacaaa ccccccaatt aagaatagtc aaaagatttg aacaggcact	180
tgacaaaagg ggggtattga aatggccaat aaacacataa tcattactta tcacagaaaa	240
gcaaattaaa aacagaaaga gataccacaa cctcctcccc agaatgtcta tatggaaaca	300

<210> 1711

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1711

gaaacagttg gctattcatc atcttcggca cttatgacaa cattaacaca gaatgccagt	60
tcatacagcag ccgactcacg gagtggcgca aagagcaaaa acaacaacaa gtcttcaagc	120
cagcagtcac catcttctc ctctcttct tcttatcat cgtgttcttc atcatcaact	180
gttggtacaag aaatctctca acaacaact gtagtgccag aatctgattc aaatagtcag	240
gttgattgga cttacgacct aaatgaacct cgatactgca tttgtaatca ggtatcttat	300

<210> 1712

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1712

ctaaaagaaa atttatattc taatttttat ttgttgcccta tgtttcataa tttttaatct	60
aaggtctttt tagaaatgtt tgtagtgcca aatgagtgtc cacaatatgg taaacacatg	120
ggagatttct ttttttttaa attttatttc catacgttat tggggatcag gtggtgtttg	180
gttacatgag taagttcttt agtgggtgatt tgtgagattt tgggtgcacc atcacctgaa	240
cagtatatac tgcactccag cctgggcaac agagcagact ccatctcaaa acaaacacac	300

<210> 1713

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1713

caccgccagg ccagctgtca ggaaacaggg gctctaggcc cagcttcacc acttaggagc	60
tatggctttg ttcagaaaca ttgtgactct cttaccacaa cattcctctg ctggaagggg	120
agattgacaa accagcatca tctctaattt actacaaaag cctcactgg aaattattct	180
taacttagca gctggttaga tccattaaaa aaaaaagtaa gttagactgt gttactctgc	240
tgctcaaagc cctgcagtgc ctctcattt tacctagcgt aaaaccta aa gtcctttcca	300

<210> 1714
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1714
cccttctgag cctgtccatt catcggtggg tctgccccta ctccccccagc cctaaatacc 60
ccagctgctg ttcctcccca tcaccagcc accggattct ccattcacc ctttctctca 120
ccccctggagc cccgtgggtg ggggcagggc atgagttccc cagtccccaa ggaaaggcag 180
ccccctcagt ctcctctctc ctcatccct tccatctccc tccccctctgc cttttaaac 240
catccctec gattccctc ctccccctc tctccctggg gtcaactcga ttctgcggt 300

<210> 1715
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1715
atgaccttct gcctgttcta tctctgagga cagttgtgat tggatttagg gcccatccag 60
ttagtccagg atgatctcat ctcaagatcc taaatctgat tacaattgca aagatccttt 120
ttccaaataa ggtcacatgc acgtaagttc cggggattat gcttgctggg gacacatctt 180
ttttgaggcc accattcaac ccactacaaa atccaactga agcccagcga agtggctcat 240
gcctgaaatc cccgcactgt gcgaggccaa ggcaggaggg tcacctgagg ccaggagtct 300

<210> 1716
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1716
ggagatttca acttaacttg accactgcac tccagcctgg gtgacagagc agagcaagac 60
tgtgtctcaa ataaataagt aagtaagtaa gtaaatatcc ttaggtatc tatgtgactc 120
aaggctagtc actttcctat ctatgctcca gttttctcat atttgagaca agagacttga 180
tttttagcata aagggtgagag ttgaagtaat gagtgtgaaa gaggaaaggg agaaaacata 240
cagagaagag cagaaaacac aagcagctgg taggcagaga atgcagaaat tcaagttaga 300

<210> 1717
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1717
cagagttttg agcagagaag tgacactatc agacttaagc attaaaagaa ttgtccaatg 60
aatggctgtg ctgaaaatat atttgaggta aagtaagcta gaggcagggg tattgaaatc 120
aggctaagag atgtttgtgg tttgaattaa gtggtagcag gaggtgttaa gaattagtca 180
cattgtgtat gtattttgaa ggtacaacca acaggatttc caggcaagat agagtgtgat 240
gtgaaaaaga aagaaaggag tcagtagtga ctcaggagtt tgtctgagca tccgaagtgt 300

<210> 1718
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1718
ctgagacctc gtctctataa aaacaaaaca acaaaacata aacaacaaca acaataact 60
atgtgataag cattgggtta ggcactagaa aatagtgtc aaacaacaac aacaacaaca 120

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aaacatgatt cttgtctcaa agaatgcaca atgttgggga aagacaacta aaaagtaata    180
aaacataaag tttgaaggat attatgatag aggaattata ggatacgttc aatcatttga    240
aatttttgaa tgtcatecctt ttgggtggag caccgagagg gtttgtgaaa aagcttcccc    300

```

<210> 1719

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1719

```

gagtggatat gttcgtggag acactgtgga aagtctggac cgagctcttg gatgttcttg    60
gacttgacgt ctccaacctg tcccagtatt tcagcccagc ctcggtgtcc agcagcccgg    120
cccgcgcgct cctgctggtc ggcgctcgcc tcctggccta ctggttcttg tccctgacct    180
tgggcttcac tttcagcgtc ctgcacgtgg tggtcggccg cttcttcttg atcgtgcggg    240
tcgtcctgtt ttccatgtcc tgcgtgtaca tcctgcacaa gtacgagggc gagccggaga    300

```

<210> 1720

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1720

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ggccagcggg tcgctgcgag tggccttgaa ggcagctgct gcaggtgaag agtaggcggc    60
ggggcagaga gcggcctccg agggtcacct gaatggttga gcatggacct tgttgctacc    120
cacagctgcc atctgctcca gcaactgcat gagcagcgaa tccaaggcct gctttgtgac    180
tgtatgttgg tggtaaaagg agtctgcttt aaagcgcata agaatgtcct ggcagcattc    240
agccagtatt ttaggtgggt attttagact tcattctcct agctgtgaat taagggtaaa    300

```

<210> 1721

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1721

```

gcacaagcca ctgtgcccgg ccaatactgc aaaatatttt aaaaagttaa aattatctct    60
tctggctggt catagtggct cacactttta atcccagcac actgggaagc tcagtcagaa    120
ggattccttg aggccaggag ttcaagatca gtctgggcaa cacagacccc atatctccaa    180
aaaaataaaa ataaataaat aaaacagtta tcaggctggg agtgggtggc catgcctgta    240
atcccaccac tttgggaggc tgaggcaggc agatcatgag gtcaagagat caagaccagc    300

```

<210> 1722

<211> 276

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (276)

<223> n = A,T,C or G

<400> 1722

```

ggaactccag gcttgccact acccaacccc agcctggctc tgaaaatggt aattgactgt    60
caggacggct tgggtggggcg ggggcgaggt tgcagtgagt gagccaagat cacaccactg    120
cactccagcc tgggtgacagt tcgagattct gtctaaaaaa aaaaaaaaaa anntnggncc    180
tttaaancn tagggngncn nnttacgtaa atccanacnt gataanannc nttgatnagt    240
ttggacaanc cacaantaag aangcntnga aaaaaa    276

```

<210> 1723
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1723
 acagagcgag actccagttc aaaaaaataa ataaaaatta aaaaataaaa taaaataaaa 60
 aatttactag gcatccagca ttcattaagg agaataattc agttaaggag gaaaagaatt 120
 ctgggattct ggggaatttc ttaaccaata aagagtatgt gtgagaaacc tactgctaac 180
 atcatactta atggtaaaaag tccaaagatc agcaaaaaga ggatacctgg tctaaacact 240
 tccactaagc attatactgg aagttctagc tagtgcaata aatgaaagag tacaaagtat 300

<210> 1724
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1724
 ggaagggagg ttttaaggaag agactgtgga cagaggtggt agggaagggtg tcagagaagg 60
 ttaaggagcc aacatggatc atgggggtgg tacagtgttg ccagggtctgg ggaggattgg 120
 ctgcagtgtg ggggtacccag ccgctgccat gtggagaggg acctgtcact cctgctgtga 180
 actctccctt cttctgccct ctgacctcct gctgggtgcct cccattggct aaacacagtt 240
 gatggccagt gcactgggga gctgttcttg gagcccacag gcactctgctt cttggcacag 300

<210> 1725
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1725
 ggtgattggg ctggttctgt accgggtgta ctccgtgggg ggccgtgatc tggcaaagcc 60
 ttggagggtg gactgtggag gcaccattga ttgaactgtg tcccctgcag ttcacatgtt 120
 gaggcccaaa cccccagtgt ggctgcattt ggagtagggc agtaattatg gttaaattag 180
 gtcgtatggg cgggtgctga tccactagga ttaggatcct tataagaacc tgccaccttc 240
 tctctgccac gtgaggacat gggtagaagg cggctgtctc ccaccagga ggagccctta 300

<210> 1726
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1726
 caaagctgtt ttataaatta gggagaagag tgaggagaga ggaataggat agacgaagg 60
 agagagaggg agcagtggag aagaaaacct cagagtgagg caaaggaaga ggtgtgaagg 120
 ggaaaagaag tggcgatggc agggaagagc ccctggccat gagagagact ggggggagtg 180
 ggaaggaagg gaagttatgg ggcagggggc acagagcaga gaacaagaga gtaaggctag 240
 agagatgaaa gaaacagtga gactgagcta agaagagcga tctcacgctt aagagacaga 300

<210> 1727
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)

<223> n = A,T,C or G

<400> 1727

cccctctcca	cattgacctc	tagagtggcc	tgtccaactc	ctaagtccaa	ccttcccaca	60
cgggacagaa	agctttttac	tggccccgtt	gctccccggg	gaggcctaaa	cacttgatga	120
tgatgaagat	gaagatgtga	tgatggtagc	catcacacag	ctctcccatg	taaccctcac	180
gacaaccctg	caaggcaa	agcatcacca	tccttatttg	gcaaataaaa	agctgatggc	240
tcagagaagg	taaatagact	gccaangng	actgagccag	tattgccaca	nacaggctcc	300

<210> 1728

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1728

ctccattgtg	aagatccagg	cattttttccg	agccaggaaa	gccaagatg	actacaggat	60
attagtgc	gcacccacc	ctcctctcag	tgtggtagc	agatttgccc	atctcttgaa	120
tcaaagccag	caagacttct	ctgctgctgt	gatctgcaca	ccctccaacc	tgggcaggga	180
ctggggggat	gcagtgtgtg	ttagtgcaca	tgtggcattg	tggcactgtt	gccccccatg	240
gcggcatggg	caagatgacc	ttccattagc	ttcaagtctt	gttctcttgt	ctgtggtctg	300

<210> 1729

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1729

gatctctttt	gaggtgatgg	tgctggccga	gctgtttctg	gagatgctcc	agagggattt	60
tggctataga	gtttataaga	tgctactgag	ccttcttgaa	aaggctgtgt	ccccacctga	120
acctgagaag	gaggaggcgg	ccaaggaaga	agccaccaag	gaggaagaag	ccatcaaaga	180
ggaggtgggc	aaggagccca	aggatgaggg	acagaatgag	ggcccggtta	cagagtcaga	240
ggccccgctg	aaggaggatg	ggcttttgcc	caaaccactc	tcttctgggg	gagaggaaga	300

<210> 1730

<211> 271

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (271)

<223> n = A,T,C or G

<400> 1730

agacaatccc	aaatatttgg	agattgtctt	aactggttta	gtgtagctat	aaaagaatac	60
atgaagctgg	ataatttatg	aagaaaagag	gtttatttgg	ctcacagttc	tataggctat	120
acgagatgca	tcattgccacc	attttcctgg	agcccttcag	gaagcttcca	ctcatggcag	180
aagggtgaag	gcagccagca	tgttcagtga	tcacgtgggtg	agaggggaag	caagagagan	240
aanaggggag	ggncacgctc	tattnagtac	c			271

<210> 1731

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1731

cagttcacag	tattaccctc	agtgcaccag	aattcctttc	tatccatata	ctcaccagca	60
cttggttactg	aactctagtt	tttgccaatt	tgatgggtgt	gaaatggcat	cttattgtga	120
tttttaattt	ttctcattac	ttacaaagt	catcatgtct	cctagccctt	tgggtttcct	180
gttcaatgtc	aatttcctat	ttatgtattg	gccacataa	aaaatattgc	atagtctatt	240
ttaaaatgat	ttataggggc	tctttacata	ttctgggtac	taattattcc	ttatgtgtga	300

<210> 1732
 <211> 295
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (295)
 <223> n = A,T,C or G

ctggacgcct	ntaatgcgan	aanngncccc	ngtttaacag	accngcaa	at	ccgggngcgg	60
aacangaccc	nngggtttcc	tnttgntccc	tngttngggg	gcggtggntg	gggctgtncg		120
gccaanng	ganttgnttt	ttttangntt	taaaananga	ttttaaaant	cannnnnnng		180
tttttttttn	tttttttttt	tttttaattc	tgaacagac	ctgtttttgta	cagagttatt		240
tttgggataa	attttactgg	ttgctgttgt	ggagaagggtg	gcgttttccac	ctttt		295

<210> 1733
 <211> 300
 <212> DNA
 <213> Homo sapiens

atgggggtata	gatggttttc	cccctgtgta	ctctagtaaa	tttctatgcc	attttctecta	60
tcgatctgcc	ttttgtcagt	tgattttttca	gcttaacttc	agagagcaaa	ggggaagggtg	120
gccaaagtgc	gtgtctcatg	cctgtaatcc	cagcactgtg	ggaagctgag	gcaggcagat	180
cacttgaagt	caggagttca	agaccagcct	ggccaacatg	gtgaaaccct	atctttacta	240
taaagaaaaa	taagtcgagt	gtgggtgggtgc	acacttgtaa	tcccagctac	tcaggagggt	300

<210> 1734
 <211> 300
 <212> DNA
 <213> Homo sapiens

gggggtttccc	aatagtagaa	agggtcccca	ttcctgtctca	gcaccgcacc	tctctacccc	60
cccacagaca	cacatgcaga	cacacacatg	cagacaacac	gcagacacac	acatgcaggc	120
actcacatgc	aggcccatgc	acacacacgt	gcacacacat	gcagagacat	gcagacacgc	180
aggcacacat	gcacacatgc	aaagacacgc	atgcaggcac	acgcagacgc	acacagagac	240
acacatgcag	atacacatgc	acacacacat	acacacactg	gccctgtttt	ttctgtgggtg	300

<210> 1735
 <211> 300
 <212> DNA
 <213> Homo sapiens

gcttgatcgt	ctgggcctgt	gtttcagctg	ggataggatt	ctcaatectt	cttgttcaaa	60
tccgaagtcc	agaaagctct	gaaaactgaa	agtttttttca	taatttattt	cactgtaaaa	120
cctgaattga	actgatattt	atctcactaa	aaatgattat	tcatatattt	tactgtaaga	180

atagtaaaat taccaagtaa tatcccagac ctagttagat aaatgcacta ttttctttta 240
 atttcaaaac aatcttaatt ctgaggcaca tttggctgac agcatttcag ataagggatt 300

<210> 1736
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1736
 tcctatttta cgtggttgtt gagaggatcc gatggaatga ctagctgaaa gtgtttgtaa 60
 aagtcaggat aagtaaagca atgctgcagg aacaaacaat ccccaaattt cagcagctta 120
 ctacaaaaaa atatgtattt ctactcatg ttcatgtcca atgtgtgtta gcaaggagat 180
 actgtctctc acagtcatgc aagaccctt gctggggaag ctgcacctcc atatatgctt 240
 ctaccatcac cagggcagag gagagggagc atggtggatc atacactggc tcttaagact 300

<210> 1737
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1737
 atttcttgag gtctccccag ccaggctgaa ctgtgagtca attaaacctc tttccccaat 60
 aaattaccca gtctcgggca tgtctttatt agcagtgtga gaatggacta atacaagtac 120
 cattaataaa tttcacaacg tagattaaat gtgcaaattc cttgaaagac acaaattaaa 180
 aaatgacctg agaagaaaag aaacttgaat agatctgtat ctattaaaga agttgaaatt 240
 ataattagaa accttttgaa cattagaact ccaggccctt tgttgtgaat tctatcgaa 300

<210> 1738
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1738
 gcctgtagtc ccagctatct gggaggctga ggtgggagga tcactctgagc ccagtagatt 60
 gaggttgcaa tgaatcatga ttgtaccact atactccaac ctggacaaca gagcgagacc 120
 ctgtcgcaaa caaacaaca aataaataac ctgggcaaca gagcgagatc ctgtctcaaa 180
 taaataaaca aacaaaagta gcagattagc tgggctgtgt gttgcatacc tatagtccca 240
 gctgcttggg aggctgaggc agaggatcac ttaaacccaa gaggatacag tgagccatgt 300

<210> 1739
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1739
 gtttaagtct tgtagctgta tagcattcca ttgtataact tataatttat ttatggggtt 60
 tactattgat gaacatttga gtagtcttca gtttgggaact accacatatg gtgctgttat 120
 gaatactttt gcacaggat gtgaacacat gtacacattg cagttgggtat atatacagta 180
 ctgaattact ggcttataaa tatcattaaa ttttaaaaac aaaattaatt gccacaagca 240
 tattattgta tctttgaatt ttaaaccaaa ttaaaaattc tatgagttgt tgaatattat 300

<210> 1740
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1740

taaatgttga	aattaactag	acaaagtagt	tgaagtcctg	atgaaaagat	tgttcagttc	60
ttctttctct	gtagctcaga	acctgtttgg	atcatacatt	taaatgtaga	aatataaagc	120
ttttagaaga	aaacataggt	gaaaacctac	aagacaaaac	ttggtgaaga	gtttctccat	180
gtgatgcaaa	aacatgatcc	atagaagaaa	gaaatctgta	aattggactt	tatcataatt	240
aaaaacattt	gctttgcaaa	atgcctctgt	aagatgatga	aaaaacaaaac	tacatactgg	300

<210> 1741

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1741

caaataggag	atgggttttt	tttcgggggg	gaggggaagga	acagcttttc	attaacaact	60
actgagaatt	atacatttaa	agattatctt	caatgtccaa	taacccttat	attcaatact	120
gaatttat	ccacttctcg	ccttcatttt	tatttggtac	gtattctcaa	agttctctcc	180
tagtagaaga	atgaaccaga	aatgaacata	agcatgtcgg	aattcacgta	tgtggcagac	240
tgtattttcc	aaagatggcc	acaacaatat	ttctcattcc	acatggtctg	ctggaacctt	300

<210> 1742

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 1742

aattcacgag	gtggaaatag	gaaaagctag	atgtgagcag	ccgacttcac	ctcgatcctt	60
gactctcact	attcacacca	gttatgtggg	gagccgtagc	tcttccaata	tggctattgt	120
ggaagtgaag	atgctatctg	ggttcagtc	catggagggc	accaatcagt	tacttctcca	180
gcaaccctg	gtgaagaagg	ttgaatttgg	aactgacaca	cttaacattt	acttggatga	240
gctcattaag	aacactcaga	cttacacctt	caccatcagc	canagtgtgc	tggtcaccaa	300

<210> 1743

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1743

gaagagctga	agagaggagg	tggcaggact	aactaaaagt	gggacagtca	cttggtatag	60
tgaaggtaga	atggacagaa	ttgggcaact	aattaagagg	gagaaccctc	taggagaaca	120
ggagaacgca	tccaaacctg	gaaaaccagg	aagagaagat	ccttggtgag	aagcagtcaa	180
tgagtttgct	ttgggatatg	ttgagttccc	aaactcatca	tgaggtgagg	cttccaggta	240
gcaaataaat	cacttgagac	caggagttga	ggagcagcct	ggacaacata	gcaagacccc	300

<210> 1744

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1744

caaaaagtta	aaattttatt	tttctctcat	gtaacatttt	ggataatttg	atgattccct	60
aatgttggga	cccagtcttt	tctgtcttag	gctcacaact	atccttgagc	ctgtgtcatg	120

ggggatgact	ctgaagctgc	gtgcaccctg	ttcattcaca	ttttcttggc	ctgaacttag	180
tcactaggct	attcctaact	gcaagagaag	ctggaagatg	tagtcttcct	tctgaccagc	240
catgtgctca	accacaaatt	gagtttcagt	tattggaggg	cagaaagaat	agatatgggg	300

<210> 1745

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1745

aagtctcact	ctcatttgtg	ctttctccat	cccatttccc	ttcccctttt	aggcaaccat	60
tttagctgac	ttcttgttta	tcttgccagt	gtccttcat	gcaaataatg	gcatatatc	120
tttcttcccc	cactttcttg	cataaaaggt	agtgtatcat	gtatatactg	ttctgcacct	180
tgattttttt	cacttgacat	gtcttagaaa	tctttcctta	tcagtgttta	tagaccatcc	240
tcattctgtt	gcatagcaaa	ggtgattata	ttcctgttac	ctttgggggt	atggcccatc	300

<210> 1746

<211> 183

<212> DNA

<213> Homo sapiens

<400> 1746

ctactgagcc	tggcttgcaa	ctgggggtgag	ctccaccttg	aacgtcgatc	ctcctgcctg	60
gtggagccat	cccagctgat	gccacatgaa	gcagacacaa	gctgtcccta	ctaagctctg	120
ctcaagttgg	atattcatga	gtgaaataaa	tgactgttac	taagtaaaaa	aaaaaaaaaa	180
aaa						183

<210> 1747

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1747

gagaaacact	cagggcctga	accaaggaat	taactgtgat	tggagaggag	aggcagcagc	60
cacagaaggc	acaagaagg	tggaaatcacc	caaacatttg	tcagattgag	gggtgagggg	120
gcatgagaac	tccaagatta	cactcagggt	tctgtctttg	gtgcctttaa	aaattttaac	180
caaagttgag	aatttactgt	atgctgggga	ctctataaga	ggctttatct	ttattatgtc	240
tgtaaatcct	tgcaacagcc	ctgtgagagg	tatttttgcc	ctcatttgat	ggataacctga	300

<210> 1748

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1748

atatgcacat	tgtaccaatg	gcagactttt	ggctttgata	ttgttctata	attatgtaag	60
atgttaccat	tatgggaaac	tggaggaagg	gcatatggga	cttctttgta	ctgctttttc	120
tattccctgt	gagtttataa	ttattttata	ataaaagtgc	aaaaaacact	attggatgga	180
catcacagaa	cataatagaa	gaaagaatca	gtgaattata	ggtctgttta	atagaaatga	240
ctcaaactga	cacacaaagc	aaaaagaatg	aagaaaacag	aacacagtgt	ctgagacttt	300

<210> 1749

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1749

cctgcctccc attctatgca aagtcacccc tccggggcact gagataaatg cttatccta	60
tgctcctctt ggagaggctc atcagaaact caaaataatg caaccatttg actctcacct	120
acctgtgacc tggaagatcc ctctctgctt gagttgtcct gcttttctgg atggaaccaa	180
tgttcatctt acatatattg attgatgtct catgtctccc taaaatgtat aaaaccaagc	240
tgtgcctga ccaccttggg cacatgtcgt caggacctcc tgaggctgtg ccacaggcat	300

<210> 1750

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1750

ggaatacttc ccaactcatt ttatgaggcc agcataactc gtatcaaaac ctgacaaagt	60
cattacaaga aaagaaaatt acagaacaat attgttagtg aataaagaag caaaaatcct	120
caacaaaaca ttaacaagtg aagtaaaca tatataaaag gataatactg catgaccaag	180
tgggtgtggt taataatttc aggaactcaa catcagttta acatttaaaa aaatcaacat	240
aatattatta ataaaataaa ggagaacaat aatatgatca tctcagtgtg taaaataaaa	300

<210> 1751

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1751

ctagcaactg ttccagatga gcaggattgt gttactcaag aagtgccaga ctcccgccag	60
gcagaaactg aagctgaagt gaaaaagaag aagaacaaga agaagaacaa aaagggtgaat	120
ggtctgcctc ctgaaatagc tgctgttccct gagctggcaa aatactgggc ccagagggtac	180
aggctcttct cccgttttga tgatgggatt aagttggaca gagagggctg gttttcagtt	240
acaccgaga agattgctga acacattgct ggccgtgtta gtcagtcctt caagtgtgac	300

<210> 1752

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1752

gttaaaagaa taaaaaagaa taattgaagc cttcgagaca tatgggatac tataaagcca	60
ccacatattt gaatcatttg ggtcccagaa gacagagaac aaaaggattg gaaaactcat	120
ctattttttt gttattaaat aatagatgaa aacttcccaa atctatcaaa tgatttagat	180
atccagaac aggaggctcc aagatccgca aacatataca atgcaagaaa gtcttctcct	240
tggcacatta tagtcaaact atctaaagtc aaagacagaa ttctgaaaaa ggcaagagaa	300

<210> 1753

<211> 295

<212> DNA

<213> Homo sapiens

<400> 1753

gcctcaggag gagctcaaag aggagcagac agccatgggt cctccagcca tccctcttcg	60
gcgtgcaga tactgcctgg tgctgcagcc cctgagggtc cggcactgcc gtgagtgcg	120
ccgttgctc cgccgctacg accaccactg cccctggatg gagaactgtg tgggagagcg	180
caaccacca ctctttgtgg tctacctggc gctgcagctg gtgggtgctt tgtggggcct	240
gtacctggca tggtcaggcc tccggttctt ccagccctgg ggtctgtggt tgtgg	295

<210> 1754

<211> 300
<212> DNA
<213> Homo sapiens

<400> 1754
gaagagaact atctaaatga gtaatggtca agaaatttta aagcataatg acatgaaaca 60
aacaaccggt ccaggaagct cagagaatac aattcatgac aaacaacaaa aatacagcac 120
cagacatagc atttcctata tgtagaataa aagaaaataa aataaatcaa taaatagaca 180
aagagaaaaat cttgacagaa tctggaatga aaactacatt ctttgtagag aaaaaagagc 240
aaggatttca gccacttcc agtaagaaac caggcaagaa agaagagagt tgcgggaaat 300

<210> 1755
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1755
aataattatg ctgaatgaaa gaagccagac agcaaaaatt tcctactgag tgattccatt 60
tatataaaaa tctagagaat gccaatagc ctttagtgaa ataaagcaga acagtaattg 120
cctgtgacag ggtgggaaag atttggactg gaagcagggg ttaccaagag ggggtgagaaa 180
acttttgaag gtgatgaata tgtacattgt cttcattgct ttgatgggtt tacaggtgta 240
tatgtaattc aaaatgatca aattatacac tttaaatatg ttcagtttat tttatagaat 300

<210> 1756
<211> 294
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (294)
<223> n = A,T,C or G

<400> 1756
atatgctgag gtccctggcct ccagtacctc agaatgtgac tgtatttggg gatggagata 60
cagccttcaa agagggtgagt aagttaaact gaggttggtt agatggggccc gcaaccaatc 120
tcaccggcat ccttagaaga aaaggagtgt gagacacaga gagagaggct agacacaggc 180
acacgtgaag ggacggtcag gggaaagcggc agcgagaggg tgctgtctac agccacagag 240
aggcccctga ngagaccaac gctgccggna ccatgatact ggactgantt accg 294

<210> 1757
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1757
tgattctgga acagagtgca caccaggaga atctaagaat ttgggtcaaa aagaaaatgg 60
caattacatc atattctcta ctatatcttc ctgtgtattc aaaagtatct ttttgaaaat 120
ggaagggtag atgacatttt ctccgatctt tattatgttc ggttcacgga gtggctacat 180
gaagtctga aggatgttca gccccgggtc actccacttg gctatgtctt gccagccac 240
gtgactgagg agatgctatg ggagtgcaag cagcttgggg ctcaactcccc ctccaccttg 300

<210> 1758
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1758

ccgaccccc	aggaggccat	ccagcggctg	cgggacacgg	aagagatggt	aagcaagaaa	60
caggagtcc	tggagaagaa	aatcgagcag	gagctgacgg	ccgccaagaa	gcacggcacc	120
aaaaacaagc	gcgcggccct	ccaggcactg	aagcgtaaga	agaggtatga	gaagcagctg	180
gcgcagatcg	acggcacatt	atcaaccatc	gagttccagc	gggaggccct	ggagaatgcc	240
aacaccaaca	ccgaggtgct	caagaacatg	ggctatgccg	ccaaggccat	gaaggcggcc	300

<210> 1759

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1759

cccatgtccc	gcccgcctgt	ctgcctggct	gcgggggtgac	acgggggcttc	gccttgggaa	60
ggggtcgagg	gaagcagtta	gacggctgcc	gggcggcgcc	tgccgcgcgg	cacacaatat	120
ttatttaatt	gcccactac	cactgatgaa	gatataattg	agtgactgct	gaaattgcct	180
ttttgttttt	aaccagagga	cagtccattt	gtttcacttc	tttttgcttt	ctttactgct	240
atgagcttta	ctgaacggct	gaaaaacttg	gaaaataaaa	tggacatgct	gtagtcttga	300

<210> 1760

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1760

atcagtatga	actcttaaaa	catgcagaag	caactctagg	aagtgggaat	ctgagacaag	60
ctgttatggt	gcctgagggg	gaggatctca	atgaatggat	tgctgtgaac	actgtggatt	120
tctttaacca	gatcaacatg	ttatatggaa	ctattacaga	attctgcact	gaagcaagct	180
gtccagtcac	gtctgcaggt	ccgagatatg	aatatcactg	ggcagatggg	actaatatta	240
aaaagccaat	caaatgttct	gcaccaaagt	acattgacta	tttgatgact	tgggttcaag	300

<210> 1761

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1761

ctaaggaaaag	ggcctagggc	caaggcaggc	taaatgccac	tccgggtcttt	gttattgggc	60
ttttattatt	ctgttggtct	gttccaccac	cccagtggtg	gttaataggc	caaattttgt	120
aaacattttg	aataatttgc	cctgtaaaat	gagttcctta	gtcactgtga	agctcttgag	180
agacttccca	ggttgatata	atTTTTccag	taagggttaa	ctactgccat	tgctgtgacc	240
tatcaagaag	aagggtgtaa	cccagtttga	aaacatgcaa	atcataatta	gtacgtgctg	300

<210> 1762

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1762

ggaagtacaa	attaagatca	cagtgaagata	ccattatcca	cttgtcacaa	tggctaaaaat	60
aaacaatagt	ggcaatacca	agtcctgtga	aggatgtgga	gaaatggatc	acttatacac	120
tgctgggtgg	catgtaaaaat	ggtacaacca	gtctgaaaag	cagtttggca	gtttcttata	180
aaagtaaaaa	tgtaattata	tgctgtgggc	tgaatgtcct	ccaaaaattt	atatgttgac	240
acccaaaccc	tcaaggtgat	ggttttagga	gggtaggccc	tttgggagat	tagtttctga	300

<210> 1763